

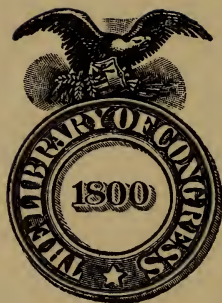
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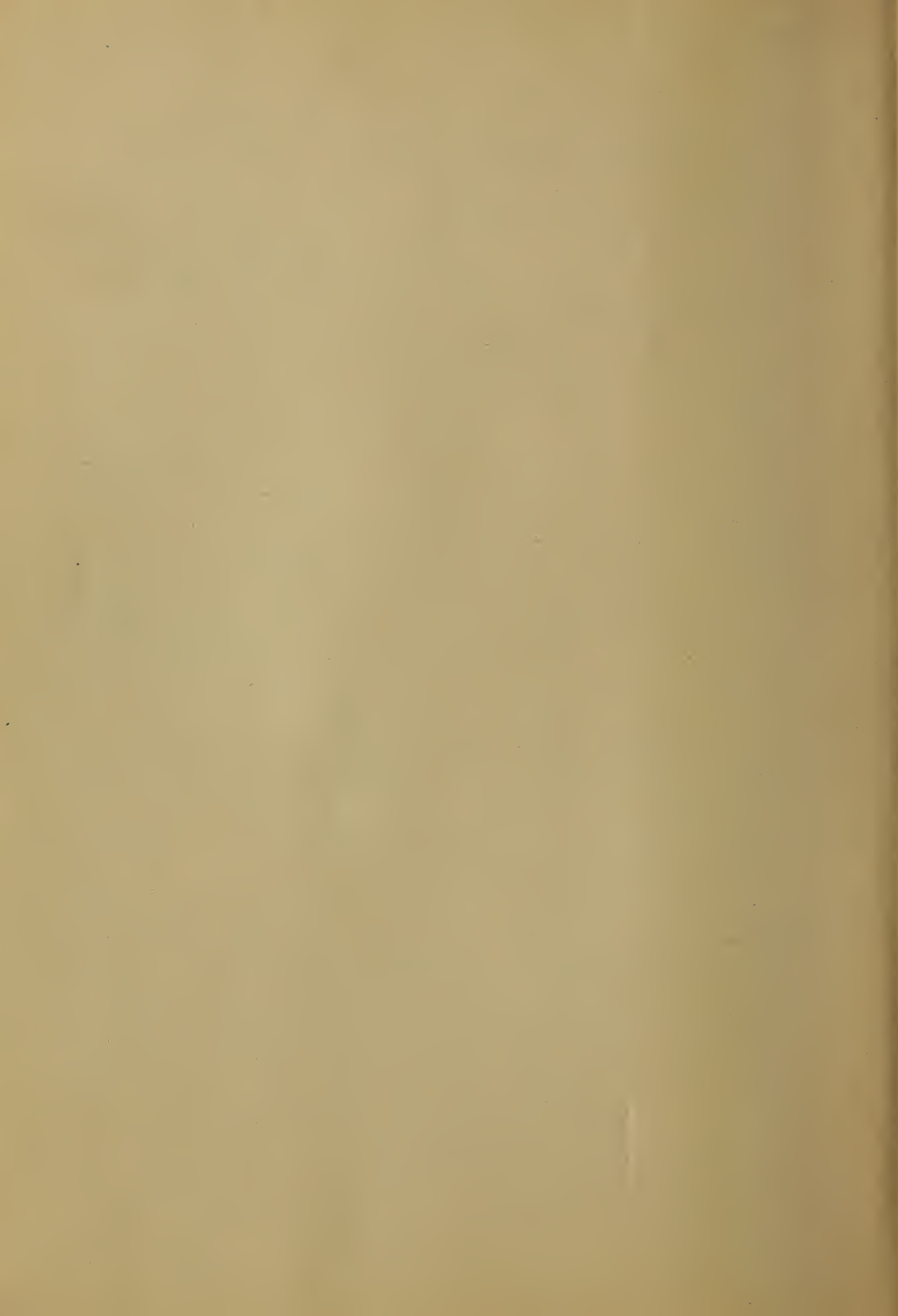
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1908











# UNIVERSITY OF PENNSYLVANIA

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## OFFICIAL GUIDE



Founded 1740

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**Price 25 Cents**

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PHILADELPHIA  
PUBLISHED BY THE JOHN C. WINSTON CO.  
1908



# KEY TO BUILDINGS.

1. College Hall.
2. Logan Hall.
3. Medical Laboratory (old).
4. University Hospital.
5. Gibson Wing for Chronic Diseases.
6. Laundry and Machine Shop.
7. Nurses' Home.
8. Nativity Hospital.
9. Lodge and Mortuary (new).
10. Medical Laboratories (new).
11. Veterinary Hall and Hospital.
12. Biological Hall and Vivarium.
13. Free Museum of Science and Art.
14. Library.
15. Howard Houston Hall (Students' Club).
16. Laboratory of Hygiene.
17. Mechanical Laboratory.
18. Central Light and Heat Plant.
19. Law School Building.
- 19a. Tennis Field.
20. Bennett House.
21. Wistar Institute of Anatomy and Biology.
22. John Harrison Laboratory of Chemistry.
23. Franklin Field.
24. Agnew Memorial Pavillion.
25. Wm. Pepper Laboratory of Clinical Medicine.
26. Dormitories.
27. Site for Dormitory Extension.
28. Botanic Gardens.
29. Dental Hall.
30. Proposed Museum Extension.
31. Grand Stands.
32. Gymnasium.

33. Randal Morgan Laboratory of Physics.
34. Engineering Building.
35. Site for Wharton School Building.
36. Alumni Hall.
37. Contagious Ward.
38. Temporary Dining Hall.
40. Morgan Laboratory Annex.
41. Site for Wistar Institute Extension.
42. Athletic Training House.
43. Pepper Statue.

## Fraternity Houses :

- Acacia (Masonic), 3805 Locust St.  
Alpha Chi Rho, 3316 Walnut St.  
Alpha Tau Omega, 3614 Walnut St.  
Alpha Kappa Kappa, 3610 Walnut St.  
Beta Theta Pi, 3527 Locust St.  
Delta Chi, 3348 Walnut St.  
Delta Psi (new house), 3635 Locust St.  
Delta Kappa Epsilon, 307 S. 39th St.  
Delta Phi, 3453 Woodland Ave.  
Delta Sigma Delta, 3467 Chestnut St.  
Delta Tau Delta, 3533 Locust St.  
Delta Upsilon, 23 S. 34th St.  
Kappa Kappa Gamma, 217 De Kalb S.  
Kappa Phi, 3803 Spruce St.  
Kappa Sigma, 113 S. 37th St.

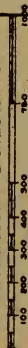
- Nu Sigma Nu, 3601 Locust St.  
Omega Pi Alpha, 3234 Chestnut St.  
Phi Delta Theta, 3401 Woodland Ave.  
Phi Gamma Delta, 3621 Locust St.  
Phi Kappa Psi, 3641 Locust St.  
Phi Kappa Sigma, 3537 Locust St.  
Phi Rho Sigma, 3457 Walnut St.  
Phi Sigma Kappa, 3745 Spruce St.  
Psi Omega, 3350 Walnut St.  
Psi Upsilon, 300 S. 36th St.  
Sigma Alpha Epsilon, 3705 Walnut St.  
Sigma Chi, 3604 Walnut St.  
Sigma Nu, 3303 Walnut St.  
Xi Psi Phi, 3612 Walnut St.  
Zeta Psi, 3337 Walnut St.  
Sigma Phi Epsilon, 268 S. 38th St.

## Buildings not shown on the plan

- Astronomical Observatory Buildings—West Chester Pike  
Delta Psi Club House, 32 S. 22d St.  
Phi Pi, 120 S. 40th St.  
Christian Settlement, 26th and Lombard Sts.  
College Boathouse — Schuylkill River, Fairmount Park.  
Mask and Wig Club House, 310 Quince St.  
Southeastern Dispensary, 736 S. 10th St.

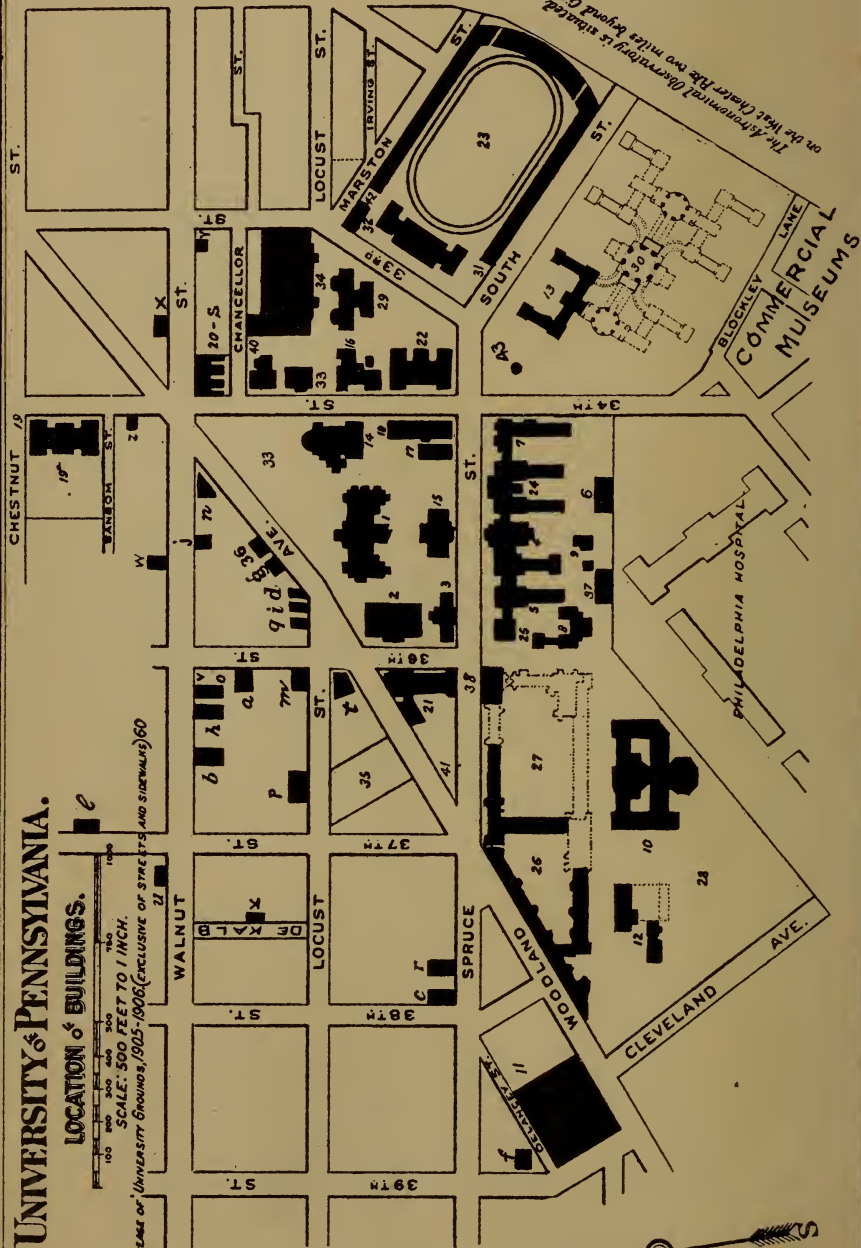
# UNIVERSITY & PENNSYLVANIA.

## LOCATION OF BUILDINGS.



SCALE: 500 FEET TO 1 INCH.

TOTAL ACRES OF UNIVERSITY GROUNDS, 1905-1906 (EXCLUSIVE OF STREETS AND SIDEWALKS) 60



# OFFICIAL GUIDE

TO THE

# UNIVERSITY OF PENNSYLVANIA

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EDITED BY

GEORGE E. NITZSCHE, LL. B.

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FOURTH EDITION

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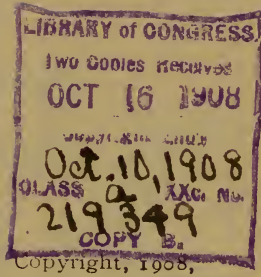
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THE JOHN C. WINSTON COMPANY

1908

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1908



by

GEORGE E. NITZSCHE.





1913, Nov. 3

## PREFACE.

To acquaint the members of the Student Guides' Association, and others, with the physical equipment and resources of the University of Pennsylvania, and to assist the students and friends of the University in escorting visitors through the institution, the editor prepared, in 1904, a pamphlet descriptive of the principal buildings and objects of interest, which was the first edition of this Guide Book. The subsequent editions were illustrated and greatly enlarged.

The editor is indebted to many officers of the University for the assistance given him in its preparation and in revising the material concerning their respective departments.

No attempt has been made to give an exhaustive historical account of the University, to include any historical illustrations, or to give a detailed description of each of the departments and the buildings connected therewith.

Those wishing information on the courses and various departments are referred to the general catalogues and departmental publications, and those desirous of looking up the historical development or any phase of University history or college life are referred to the list of publications printed in the appendix to this edition.

G. E. N.

WEST PHILADELPHIA,  
October, 1908.

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Subway Station and 53rd St. Elevated

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College Teams : Ideal Location : Near Theatres, Shops,  
and Central Park : New, Modern and Absolutely Fireproof  
Most Attractive Hotel in New York All Outside Rooms

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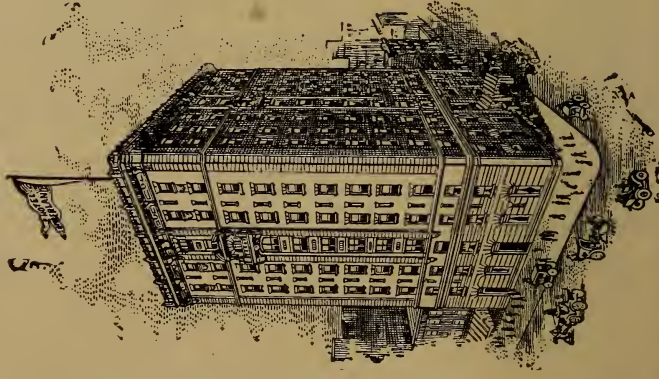
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**HARRY P. STIMSON**

Formerly with Hotel Imperial

**R. J. BINGHAM**

Formerly with Hotel Woodward





## HISTORICAL SKETCH.

The latest statistics of the United States Commissioner of Education include almost a thousand colleges, universities, and professional schools; all except thirty of these were founded within the last century, ten were in existence when the Declaration of Independence was signed in 1776, and only five of the present American universities were founded more than a century and a half ago. Harvard opened its doors during the early part of the Seventeenth Century; Yale, in the first year of the



FIRST BUILDINGS OF THE UNIVERSITY 1740.

Eighteenth Century; and the University of Pennsylvania, in 1740; Washington and Lee, and Princeton a few years later.

The University of Pennsylvania had its origin in the "Charity School," organized in 1740, which occupied a building at Fourth and Arch streets, Philadelphia. Nine years later Benjamin Franklin, the great American statesman and philosopher, and the founder of the University, published a pamphlet on "Education of Youth in Pennsylvania," which resulted in

the foundation of an Academy which began its first session on January 7, 1751, in the building on the west side of Fourth street below Arch, originally constructed for the Charity School. In 1753 the Trustees secured their first charter for the Academy; and two years later, by virtue of a second charter, the Academy was converted into a college with full power to confer the usual collegiate degrees. The first Commencement was held on May 17, 1757, when the degree of Bachelor of Arts was conferred upon seven students. In 1765 a school of medicine, the first in America, was added to the college. In 1779 all the charter rights and privileges of the college were absorbed by a new organization, called in its charter "The Trustees of the University of the State of Pennsylvania." These rights were restored ten years later, and in 1791 another charter was granted jointly to the Trustees of the Charity School and Academy, of the University and of the College, under the corporate name of "The University of Pennsylvania," which name it has borne ever since. Its early history was closely associated with the principal events in the history of the colonies, and also in the War with Great Britain for Independence, in which many of its sons took a leading part. Among the signers of the Declaration of Independence were ten men who were either graduates of the college or among its founders.

In 1802 the University buildings were removed to Ninth and Chestnut streets, where, a century and a quarter after its organization, the University found itself located in one of the most congested sections of Philadelphia. In 1873 it removed to its present site in West Philadelphia. Here its growth was most remarkable. In 1874 the University Hospital was established; the year following the Towne Scientific School was added to the college, and in quick succession followed the Department of Music, Department of Philosophy and Graduate School, Department of Veterinary Medicine, the Veterinary Hospital, the Department of Physical Education, the Department of Archaeology and University Museums, General Library, Training School for Nurses, Wistar Institute of Anatomy, Teachers' School, Flower Astronomical Observatory, the Evening School, and the Summer School—so that the curriculum now covers practically every branch of higher education and scientific research.

## DEPARTMENTS WITH DATES OF FOUNDING

### THE COLLEGE.

SCHOOL OF ARTS (1740).

ARTS AND SCIENCE (1740).

FINANCE AND COMMERCE—WHARTON SCHOOL (1881).

EVENING SCHOOL COURSES (1903).

BIOLOGY (1884).

MUSIC (1875).

### THE TOWNE SCIENTIFIC SCHOOL (1875).

ARCHITECTURE (1890).

SCIENCE AND TECHNOLOGY (1872).

MECHANICAL AND ELECTRICAL ENGINEERING (1875).

CIVIL ENGINEERING (1875).

CHEMISTRY (1875).

CHEMICAL ENGINEERING (1875).

### THE COURSES FOR TEACHERS (1894).

### THE SUMMER SCHOOL (1904).

DEPARTMENT OF PHILOSOPHY (GRADUATE SCHOOL) (1884).

DEPARTMENT OF LAW (1790).

DEPARTMENT OF MEDICINE (1765).

UNIVERSITY HOSPITAL (1874).

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY (1808).

LABORATORY OF HYGIENE (1892).

DEPARTMENT OF DENTISTRY (1878).

DEPARTMENT OF VETERINARY MEDICINE (1884).

VETERINARY HOSPITAL (1884).

UNIVERSITY LIBRARY (1740).

DEPARTMENT OF ARCHAEOLOGY (1889).

FLOWER ASTRONOMICAL OBSERVATORY (1895).

DEPARTMENT OF PHYSICAL EDUCATION (1882).

TRAINING SCHOOL FOR NURSES (1886).

## SUGGESTED ITINERARY.

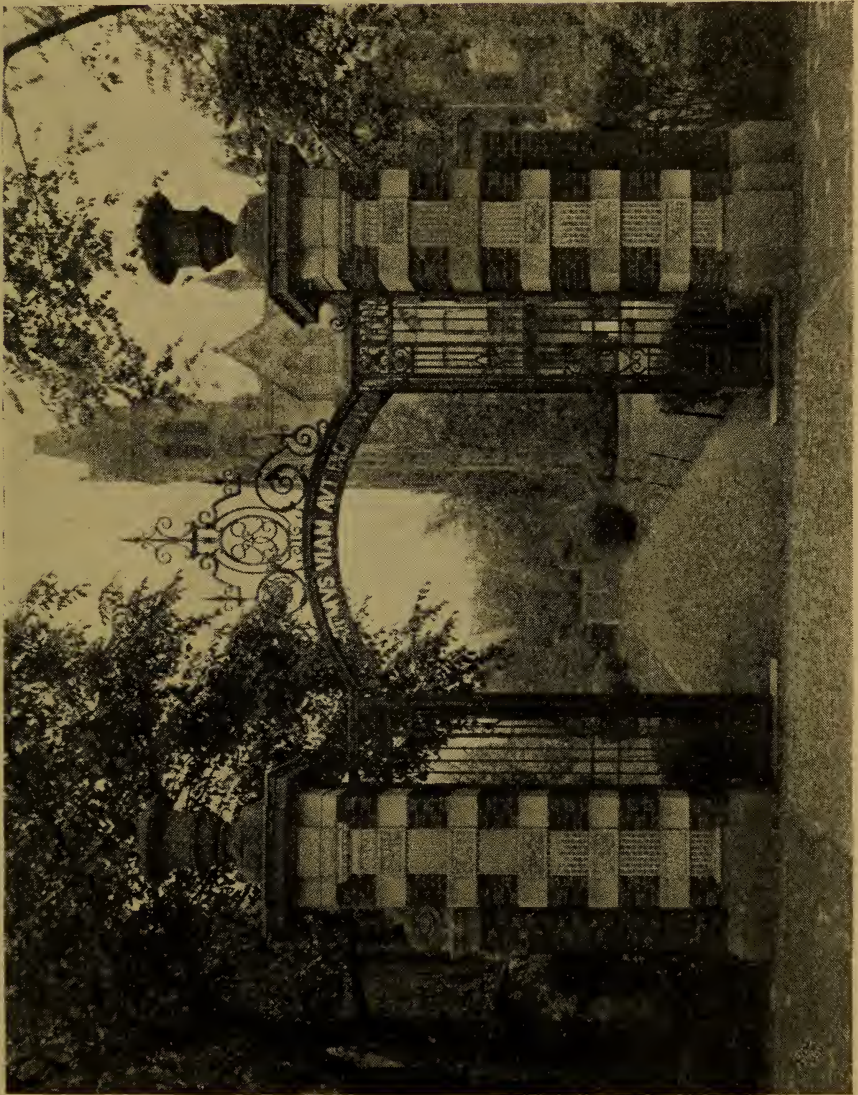
By visiting the University buildings in the order here suggested, almost the entire University may be covered without retracing one's footsteps.

1, Houston Hall; 2, College Hall; 3, Library; 4, Law Building; 5, Bennett Hall, Phi Delta Theta, Delta Phi, Psi Upsilon, and other fraternity houses along Woodland avenue; 6, Logan Hall; 7, Robert Hare Laboratory; 8, Wistar Institute; 9, Mask and Wig Dormitory House; 10, through Gate of '73 C. to Hamilton Walk; 11, new Medical Laboratories; 12, Hamilton Walk again to Biological Hall, Greenhouses and Vivarium; 13, Botanic Gardens; 14, through '72 Gate to the new Veterinary Buildings and Hospitals; 15, then along Woodland avenue to Memorial Tower; 16, "The Triangle"; 17, "Little Quad"; 18, a Dormitory room; 19, the "Big Quad," or old Athletic Field and site for Dormitory Extension, Chapel, and Dining Hall; 20, thence down Spruce street along the Hospital to 34th street; 21, Light, Heat, and Power Station; 22, Harrison Chemical Laboratory; 23, Laboratory of Hygiene, Randal Morgan Laboratory of Physics; 24, Dental Hall; 25, Engineering Building; 26, Gymnasium; 27, Franklin Field; 28, Museum of Science and Art, then to the Flower Astronomical Observatory via Market Street Elevated.

**CAMPUS.**—Exclusive of sidewalks and streets, the campus of the University covers an area of about sixty acres. It is situated only three city blocks from the geographical center of Philadelphia, and only six minutes from the City Hall—the center of a population of over a million and a half. No other educational institution of equal size is located so near the heart of a great city. The grounds extend from 32nd street to 39th, and from Chestnut street to South street. The grounds are open to visitors daily, except Sunday, from sunrise to sunset. The University also owns a large tract of ground on the West Chester Pike, on which are located the buildings of the Astro-



nomical Observatory; these are open to visitors on Thursday evenings.



MEMORIAL GATE OF THE CLASS OF 1893.

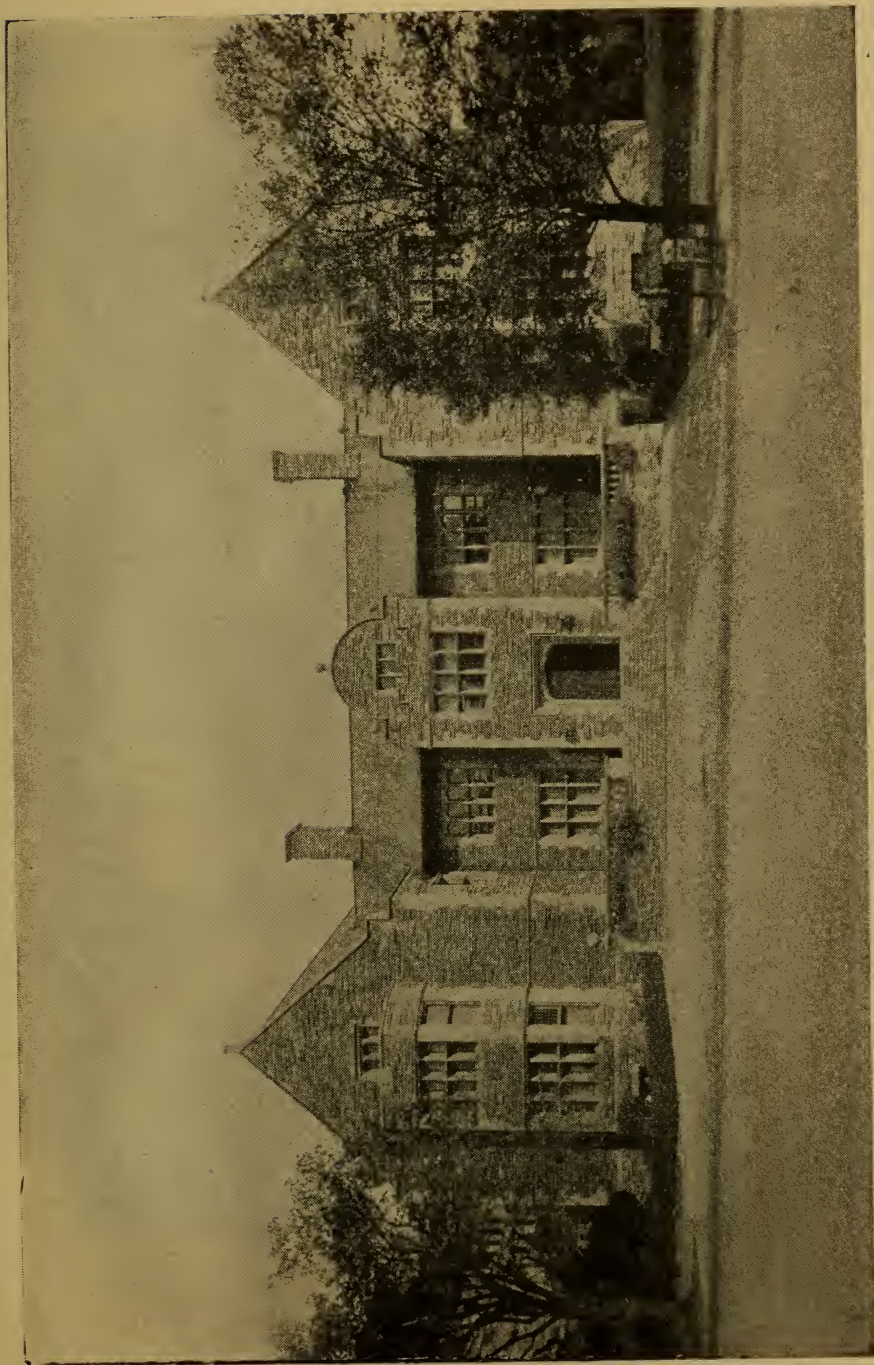
**EQUIPMENT.**—There are about seventy buildings used at present to carry on the work of the University; of these nine-

teen are devoted to teaching, eleven to hospitals and auxiliary buildings, twenty-seven dormitory houses, and the remainder to recreation hall, gymnasium, athletics, alumni hall, etc. Not included among these are a score of club and fraternity houses. The Christian Association also has a large building in the Schuylkill River district for settlement work.

**HOWARD HOUSTON HALL**, the students' club house of the University, erected in 1895 and formally dedicated on January 2, 1896, in memory of Henry Howard Houston, Jr., a graduate of the Class of 1878 College, by his parents, H. H. and S. S. Houston; size, 150 x 78 feet; cost, \$250,000; designed by two graduates (not then of age) of the Department of Architecture of the University, William C. Hays and M. B. Medary, Jr., in a competition, the first and second prizes being awarded to them. The building is a combination of the two designs, the exterior plans of the second prize being used unchanged. The design was developed and the work executed under Frank Miles Day, with Messrs. Hays and Medary as associate architects. The style of architecture is inspired from early Elizabethan examples and may be called "English Collegiate"; the material, North Conshohocken and Indiana limestone. The building is three stories high and is one of the most spacious and best furnished club houses in Philadelphia. The interior finish is of quartered oak, in dark brown shades. Supporting the roof of the auditorium on the second floor are trusses of elaborate design, adapted from those in the Great Hall at Eltham Palace, Kent. The device used in a decorative way so frequently is an interweaving of Howard Houston's initials with the Early Christian symbol of "The Lamb of God."

On the main floor is a spacious lounging or general reception room. In this room is a memorial tablet to, and an excellent portrait of, Henry Howard Houston, Jr., by Cecilia Beaux—the gift of Mr. Houston's classmates. In the east wing are writing rooms and a library reading room, in which are kept all current magazines and newspapers and a large library of English literature; the west wing and the basement are fitted up with billiard and pool tables and bowling alleys. The offices of the club, the cloak room, and the University branch of the United States





HOUSTON HALL.

postoffice are located on either side of the Spruce street entrance. On the two stone corbels which support the hood over the north entrance door are carved the heads of Dante and Virgil.

On the second floor is a restaurant, an auditorium with a grand organ, and a suite of three "Trophy Rooms." In the latter are displayed many prizes won in athletic competition, with tablets giving the names and records of the more distinguished athletes; here also is the memorial tablet to Osgood, the all-around athlete, who died in the Cuban War.

On the third floor are the offices of the Bureau of Publicity, of "Old Penn," the official weekly paper of the University, and a dark room for amateur photographers, guest chambers, and several society rooms in which the various medical, dental, and other student societies hold their monthly meetings.

Among other interesting objects adorning the walls are the portrait of Mr. H. H. Houston, the donor of the building; the portrait of Provost Harrison, painted by Henry Floyd; the Scott Memorial Tablet; the Class of '99 C. Memorial Clock, old diplomas, etc. The valuable collection of framed photographs, illustrating masterpieces of architecture and sculpture, and representing the various schools of Renaissance painting, was selected and arranged by Mr. Frank Miles Day; while the furniture, rugs, casts, etc., were selected by Provost Harrison, by Mrs. Harrison, and by the architects.

The club has a membership of about 3,500 and is self-supporting. The hall is the scene of many social functions, dances, receptions, dinners, etc., during the college season. The building is open to visitors daily. The University Sunday services in the auditorium at 11.00 a. m. are also open to the public.

## MEMORIALS IN HOUSTON HALL.

Over the northern entrance is a Maryland marble tablet, inscribed:

For the Daily Welfare of the Students  
of the University of Pennsylvania and  
in loving memory of  
HENRY HOWARD HOUSTON, JR.  
B. S., MDCCCLXXVIII  
this Hall is dedicated by his parents  
H. H. AND S. S. HOUSTON  
Anno Domini MDCCCXCV





CAMPUS FROM WOODLAND AVENUE.

On the north wall, east of the main entrance, is a bronze tablet, inscribed:

Erected by the Students  
of the University  
in memory of  
**JOHN BELL SCOTT**  
1900 M.  
b. February 17, 1862; d. July 15, 1898  
President of the Houston Club and  
Acting Chaplain of the Cruiser  
St. Paul, who died in his country's  
service during the Spanish War.

Known respected and loved he was  
A man whose quiet earnest loyal life  
made better the lives of those who  
were associated with him.

---

Over the south door is a quartered oak memorial clock, inscribed:

MEMORIAL OF THE CLASS OF 1899.

---

In the main reception room, above the fireplace, at the end of the main hall, is the following inscription:

"Sit thee by the ingle when the  
sear faggot blazes bright, spirit  
of a winter's night."

Over the west fireplace is this inscription:

"Sweet are the thoughts that  
savor of content."

---

In the Trophy Room are numerous panels on which are recorded the names of Pennsylvania athletes who have held inter-collegiate and world's records in various field and track sports; in this room are also deposited hundreds of banners, silver mugs, pitchers, medals, etc., bearing inscriptions of numerous victories.

On the east wall, above the fireplace, is a brass tablet inscribed:

WINCHESTER DANA OSGOOD, C.E.  
Class of 1894.  
Born April 12, 1870.  
KILLED OCTOBER 18, 1896, DURING THE SIEGE OF GUAMARO  
WHILE SERVING AS CHIEF OF ARTILLERY  
IN THE CUBAN ARMY.

One of Freedom's Heroes.

---

Truth, Purity, Justice and Honor have need of just such examples to win for them all the world as willing followers.

On panels on the first landing of the east staircase are six brass tablets, inscribed as follows:

JAMES SMITH  
Academy, 1752  
Colonel of  
PENNSYLVANIA MILITIA  
SIGNER OF THE DECLARATION OF INDEPENDENCE

---

JOHN MORGAN  
College, 1757  
F. R. S., 1762  
Edinburgh University, M.D., 1763.  
Physician in Chief  
of the  
Continental Army, 1775-77.  
Founder of the Medical Department of  
the University, 1765, first in America to  
hold a chair of Medicine.  
Erected by the Class of 1906,  
Medical.

---

WILLIAM PACA  
College, 1759  
MEMBER OF CONTINENTAL CONGRESS  
1774-1779  
SIGNER OF THE DECLARATION OF INDEPENDENCE  
CHIEF JUSTICE OF MARYLAND  
1778-80  
GOVERNOR OF MARYLAND  
1782-86

---

THOMAS MIFFLIN  
College, 1760  
A. D. C. TO GEN. WASHINGTON, ADJ. GEN.,  
BRIG. GEN., 1776; MAJ. GEN., 1777  
Member of  
CONTINENTAL CONGRESS  
1782-1783  
PRESIDENT OF CONGRESS  
at the time of  
WASHINGTON'S RESIGNATION  
1783  
GOVERNOR OF PENNSYLVANIA  
1790-99

---

JAMES WILSON  
M.A., 1766; LL.D., 1790  
MEMBER OF THE CONTINENTAL CONGRESS  
1775-89  
SIGNER OF THE DECLARATION OF INDEPENDENCE  
MEMBER OF THE U. S. CONSTITUTIONAL CONVENTION  
1787  
JUSTICE OF THE U. S. SUPREME COURT  
1789-98  
PROFESSOR OF ENGLISH LITERATURE  
1773-79  
FIRST PROFESSOR OF LAW IN THE UNIVERSITY  
1790  
Erected by the James Wilson Law Club.

## CHARLES GOLDSBOROUGH

College, 1784

MEMBER OF CONGRESS

1805-17

GOVERNOR OF MARYLAND

1818-19

Erected by the Maryland State Club, 1908.

Close by is another tablet, erected by the Class of 1906 College, in commemoration of the two hundredth anniversary of the founder of the Univeristy. It reads as follows:

## BENJAMIN FRANKLIN

1706-1790

Founder of

UNIVERSITY OF PENNSYLVANIA

1740

Epitaph Written by Himself:

The body of Benjamin Franklin, Printer (like the cover of an old book, its contents torn out, and stripped of its lettering and gilding), lies here food for worms; but the work shall not be lost, for it will (as he believed) appear once more in a new and more elegant edition, revised and corrected by the Author.

Erected by the Class of 1906 College.

On panels of the west staircase are three brass tablets, inscribed as follows:

## JOHN INNES CLARK HARE

1816-1905

College A.B., 1834

A.M., 1837; LL.D., 1868

Trustee, 1858-1868

Professor of Law, 1868-1905

SCHOLAR—JURIST—AUTHOR

Erected by the Hare Law Club.

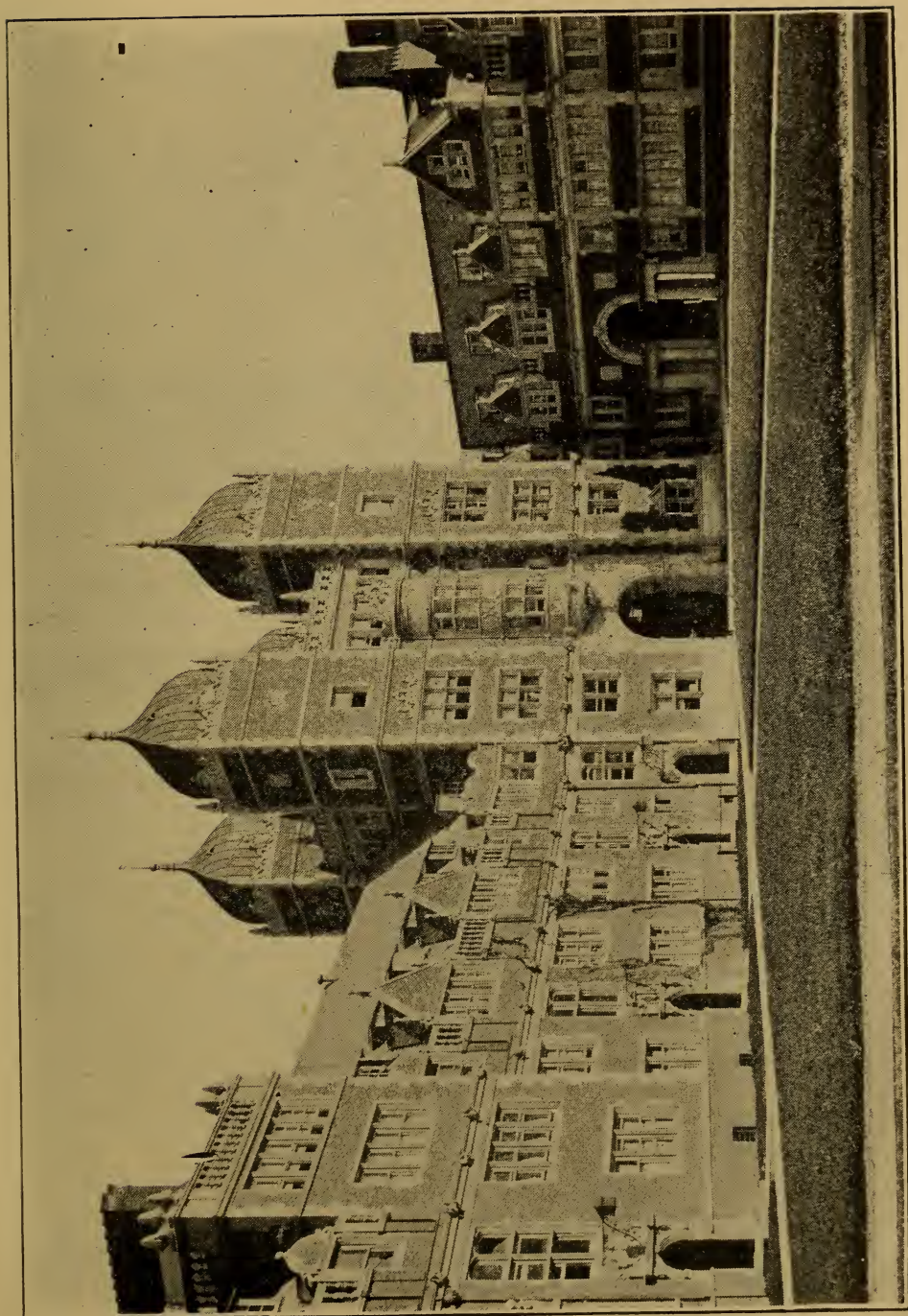
## OUR MEMBERS

OF THE

## CONTINENTAL CONGRESS

Allen .....	Pennsylvania	Sergeant .....	New Jersey
Mifflin .....	"	Paca .....	Maryland
Cadwalader .....	"	Seney .....	"
Peters .....	"	Williamson .....	North Carolina
Bingham .....	"	Hill .....	"
Smith .....	"	Dickinson .....	Delaware
Hopkinson .....	New Jersey	Marchant .....	Rhode Island
Neilson .....	"	Grayson .....	Virginia





A SECTION OF THE DORMITORIES—MEMORIAL TOWER FROM THE "TRIANGLE."

May 8th, 1806. May 8th, 1906.  
 In reverent memory of the 100th anniversary of the death of  
**ROBERT MORRIS**  
 FINANCIER OF THE REVOLUTION  
 and  
 TRUSTEE OF THIS UNIVERSITY

The Evening School of Accounts and Finance of this University of Pennsylvania have caused this enduring Tablet to be established in Houston Hall.

And in witness of the affection and regard towards him of the First President of the United States (LL.D., 1783, Univ. of Pa.), the following letter, for the inspiration of all future generations, is here recited:

*Honble Robt Morris.*

Dear Sir,

Knowing full well the multiplicity & importance of yr business, it would give me more pain than pleasure if I thought your friendship, or respect for me did, in the smallest degree, interfere with it—At all times I shall be happy to see you, but wish it to be in your moments of leisure—if any such you have.

Mrs. Washington, myself and family, will have the honor of dining with you in the way proposed, to-morrow—being Christmas Day.

I am Sincerely & Affectly  
 Yrs

Go WASHINGTON.

Monday 24th  
 Decr 1781

On panels of the south entrance to the Club Library are two bronze tablets, inscribed as follows:

In memory of  
**CLAYTON FOTTERAL McMICHAEL**  
 1891 C.  
 Founder and President  
 MASK AND WIG CLUB  
 1889-1907  
 Director and Secretary  
 ATHLETIC ASSOCIATION  
 1904-1907  
 Secretary  
 UNIVERSITY OF PENNSYLVANIA  
 1907  
 Erected January, 1908, by the  
 Pittsburgh Alumni Association.

In memory of  
**WALTER SCOTT**  
 '89 C.  
 President  
 ROCKY MOUNTAIN ALUMNI ASSOCIATION  
 1906-07.

This tablet has been placed here by a few of his fellow alumni who loved him for his purity of life and nobility of character.  
 He was a loyal son of Pennsylvania and a true sportsman.

## OIL PORTRAITS IN HOUSTON HALL

(Name of artist is given in parenthesis.)

*HENRY HOWARD HOUSTON* (Carol H. Beck), benefactor, trustee of the University, 1885-1895; donor (with his wife) of Houston Hall. Presented by his family.

*HENRY HOWARD HOUSTON, JR., B.S.* (Cecilia Beaux), a member of the Class of 1878 College. Presented by members of the Iota Chapter of the Phi Kappa Psi Fraternity.

*CHARLES CUSTIS HARRISON, LL.D.* (Henry Floyd), trustee of the University, 1876 to date; Acting Provost of the University, 1894-1896; Provost, 1896 to date. Presented by the Class of 1873 College.

*DR. JOHN MORGAN, 1735-1789.* (Copy by A. F. King after Angelica Kauffman.) Presented to the University by David T. Watson, LL.D. (U. of P. '05), of Pittsburg, December 22, 1905.

**DORMITORIES.**—The grounds are entered through the Memorial Tower Archway. This tower is a memorial to the Pennsylvania students and alumni engaged in the Spanish War. This building was opened in 1901, as were most of the others to the east of it; those to the west date from 1896. The buildings have been designed in the English Collegiate style, with Elizabethan detail, and with their wide enclosures strongly suggest the Oxford and Cambridge colleges. The carved bosses in the main cornice are reminiscent of the Gothic period in Architecture. A distinctive feature is the third story with its many gables connected by balustrades. Cope and Stewardson are the architects. When the system is complete the buildings will surround three courts, viz., the "Big Quad" (now usually called the "old athletic field"), the "Triangle," and the "Little Quad." There are twenty-seven separate houses, and accommodations for about eight hundred students. The houses are named, in tablets over the entrance doors, for the donors or for distinguished alumni. All rooms and halls are heated by steam and lighted by electricity. The buildings are on the "separate staircase" system, all outer doors opening into the courts. On every staircase and on each floor are lavatories, with hot and cold shower baths. Almost all the suites and double rooms, and many of the single



rooms, have open fireplaces. The University supplies for each student: bedstead, mattress, bureau, washstand, table, bookcase, chairs, and toilet china. There are five kinds of rooms, viz., single, single suite, double, double suite, and triple suite. The minimum cost of a room in the Dormitories is \$55.00 per year.

Points of interest to visitors are: Class of '92 Memorial Fountain, by Alexander Calder, sculptor, (east arcade); Class of '94 Memorial Gate (at entrance); Class of '98 Memorial Clock (over west arcade); Class of '00 Memorial Sun Dial (in the "Little Quad"); the Terrace (east of Bodine and Morris); site of proposed Dining Hall (south of Morris); the rich carvings over doors, etc., especially the grotesque "bosses" of the string course between the second and third floors; the bath arrangements and the system of student self-government—see board with name of representatives in the hallway of each house.

The following is a list of the Dormitory Houses alphabetically arranged:

**JOHN BAIRD HOUSE.**—This house was the gift of John E. and Thomas E. Baird, and named in honor of their father, John Baird. Mr. Baird was born in 1820. Eminent as merchant, manufacturer, and financier. Patron of Art and Science, philanthropist and prominent in affairs of the Protestant Episcopal Church. Died February 13, 1894. Accommodations for 24 students.

**BALDWIN HOUSE.**—This house was the gift of John H. Converse, of Philadelphia, in memory of Matthias W. Baldwin (1795-1866), the founder of the Baldwin Locomotive Works. He was born at Elizabethtown, N. J., and was one of the most benevolent citizens of Philadelphia; many charities are monuments of his munificence. Accommodations for 28 students.

**BODINE HOUSE.**—This house was the gift of Samuel T. Bodine, of the Class of 1873, and named for the Bodine family. Mr. Bodine was a member of the Phi Kappa Sigma at the University. Since 1882 he has been connected with the United Gas Improvement Company, and is now vice-president of that corporation. Accommodations for 43 students.

**PHILLIPS BROOKS HOUSE.**—This house was named in honor of Phillips Brooks, and is the gift of his friends, who were also his



parishioners while he had charge of the Holy Trinity Church. This was the first memorial in America to this eminent clergyman; it was not until many years later that Boston, through Harvard University, followed Pennsylvania. Accommodations for 34 students.

**CARRUTH HOUSE.**—This house was named as a memorial to Jean May, daughter of John G. Carruth, a benefactor of the University, who was born in Paisley, Scotland, in 1851; Mr. Carruth came to Philadelphia in 1867. Manufacturer, financier, and philanthropist. Accommodations for 8 students.

**CLASS OF 1887 HOUSE.**—This house was the gift of the Class of 1887 College, of the University of Pennsylvania. Accommodations for 19 students.

**COXE HOUSE.**—This house was named in honor of the Coxe family for their many benefactions to the University and in appreciation of the gift of a large sum of money by Eckley Brinton Coxe, Jr., of the Class of 1893 College, towards an endowment fund to increase the salaries of professors. Accommodations for 47 students.

**WILSON D. CRAIG HOUSE.**—This house was the gift of Hugh Craig, Jr., and Mrs. Hatfield. It was named in honor of their brother, Wilson D. Craig, of the Class of 1878; he entered the University in 1874, and died while a student at the University. Accommodations for 17 students.

**E. H. FITLER HOUSE.**—This house was the gift of Edwin H. Fitler, who was Mayor of Philadelphia from 1887 to 1891. It was named for the donor. Mr. Fitler was born in 1825. Manufacturer, financier, and philanthropist. Died 1896. Accommodations for 8 students.

**FOERDERER HOUSE.**—This house was the gift of Robert H. Foerderer, a member of United States Congress, and was named for his family. Accommodations for 17 students.

**FRANKLIN HOUSE.**—Named for Benjamin Franklin (1706-1790); founder and benefactor of the University; trustee, 1749-1790; founder of Philadelphia Library; founder of the American Philosophical Society; agent of the Province of Pennsylvania in London, 1754-1762; member of First Continental Congress;

framer and signer of Declaration of Independence; member of State Constitutional Convention of 1776; Ambassador to France, 1776-1785; President of Pennsylvania, 1785-1788; member of Constitutional Convention of the United States, 1787; honorary degrees from Oxford and Edinburgh, and member of Royal Society. Printer, author, scientist, statesman, diplomat. Accommodations for 34 students.

FRANCIS HOPKINSON HOUSE.—This house was named for Francis Hopkinson (1737-1791). He was graduated with first class to receive degrees, in 1757; delegate Continental Congress,



TRIANGLE LOOKING WEST.

1776-1777; signer of Declaration of Independence; Chief of the Navy Department of the Confederation and treasurer of the Constitutional Loan Office; Judge of the Admiralty, 1779-1789; trustee of the University, 1778-1791; first Judge of the United States District Court of Pennsylvania, 1790-1791. Author and poet. Accommodations for 30 students.

JOSEPH LEIDY HOUSE.—This house was named for Joseph Leidy (1823-1891); was graduated from Medical Department, 1844; Professor of Anatomy, 1853-1891; surgeon to Satterlee Military Hospital during Civil War; president Academy Natural Sciences, 1871-1891; professor of Zoology and Comparative An-

atomy at University from 1884 to 1891; president Wagner Free Institute of Science, 1885-1891; LL.D., Harvard, 1886. Accommodations for 34 students.

**LIPPINCOTT HOUSE.**—This house was the gift of James Dundas Lippincott, and dedicated to the memory of his father, Joshua Lippincott, an eminent citizen of Philadelphia. Accommodations for 32 students.

**THOMAS MCKEAN HOUSE.**—This house was named for Thomas McKean (1734-1817); Judge of Philadelphia Courts, 1765; trus-



WEST GATE, HAMILTON WALK.

tee, 1779-1817; member of Stamp Act Congress, 1765; member of Continental Congress, 1774-1783; signer of Declaration of Independence; colonel in Revolutionary Army; author of Delaware Constitution, 1777; Chief Justice of Pennsylvania, 1777; President of Delaware, 1777; signer of Articles of Confederation, 1779; President of Congress, 1781; Governor of Pennsylvania, 1799-1808; president of the Board of Trustees of the University, 1788-1791; received honorary degrees from Dartmouth and the University. Accommodations for 41 students.

**MEMORIAL TOWER.**—This house was the gift of the Alumni of the University of Pennsylvania. It was dedicated in 1901 to the

memory of the University of Pennsylvania men who served in the Spanish-American War. Accommodations for 39 students.

**JOHN MORGAN HOUSE.**—This house was named for John Morgan, the founder of the Medical School of the University of Pennsylvania. He was born in Philadelphia in 1735 and died in 1789; was graduated with the first class from College in 1757; A. M., 1760; M. D. from Edinburgh, 1763; Professor of Medicine, 1765-1789; early member of American Philosophical Society; Surgeon-in-Chief to the American Armies under Washington; visiting physician Pennsylvania Hospital. Accommodations for 38 students.

**ROBERT MORRIS HOUSE.**—This house was named in memory of Robert Morris, the financier of the Revolution. He was born in Liverpool in 1734; died in Philadelphia, 1806. Member of Continental Congress; signer of Declaration of Independence; signer of Articles of Confederation; Superintendent of Finance of the United States, 1781-1784; member of Constitutional Convention, 1787; United States Senator from Pennsylvania, 1789-1795; trustee of the University, 1778-1791. The house was erected by his great-granddaughter, Ellen Waln Harrison. Accommodations for 46 students.

A brass tablet in the hallway of the first floor in this house is inscribed:

In memory of  
ROBERT MORRIS  
The friend of Washington  
The financier of the Revolution  
Trustee of the College  
This house was erected  
by his great-granddaughter,  
ELLEN WALN HARRISON.

**NEW YORK ALUMNI HOUSE.**—This house was the gift of the Alumni of the University of Pennsylvania resident in the State of New York. Accommodations for 26 students.

**RODNEY HOUSE.**—This house was named for a distinguished son of Delaware, Cæsar Augustus Rodney, A.M., who was graduated from the University of Pennsylvania, with the Class of 1789, College. Mr. Rodney was born in Dover, Del., in 1772, and died in Buenos Ayres, while serving as United States Minister



there, in 1824. He was Attorney-General of the United States from 1807-1811; United States Commissioner to South America in 1817, and United States Senator from Delaware in 1822 and 1823. Accommodations for 51 students.

PROVOST SMITH HOUSE.—This house was named for William Smith, the first Provost of the University. He was born in Aberdeen, Scotland, in 1727; died in 1803. He was graduated from Aberdeen University in 1747; Provost of the University from 1755 to 1791; honorary degrees from Oxford, Aberdeen, and Dublin; chosen Bishop of Maryland in 1783. Accommodations for 8 students.

EDGAR F. SMITH HOUSE.—This house was named for Edgar F. Smith (Sc.D., LL.D.); Vice-Provost of the University of Pennsylvania, 1898-; Professor of Chemistry, 1888-; president of the American Philosophical Society, 1903-1907. Accommodations for 47 students.

BISHOP WHITE HOUSE.—Named for Rev. William White (1748-1836). He was graduated from the College in 1765; received the degree of A. M. in 1767, and D. D. in 1783; trustee of the University from 1774 to 1836; president of the Board of Trustees from 1790 to 1791; rector of several prominent churches; Chaplain to United States Congress, and first Bishop of Pennsylvania, 1786-1836; presiding Bishop of the Episcopal Church in the United States, 1796 to 1836. Accommodations for 35 students.

JAMES WILSON HOUSE.—This house was named for James Wilson (1742-1798); A.M. (U. of P.) 1766; LL.D., 1790; Professor of English Language in the College, 1773-1779; Professor of Law, 1790-1798; trustee, 1779-1791; founder of Law School, 1790; signer of Declaration of Independence; Colonel of Revolutionary Army; Justice of the Supreme Court of the United States, 1789-1798. Teacher, author, jurist. Accommodations for 15 students.

MASK AND WIG, AND TWO OTHER NEW DORMITORY HOUSES.—These houses are in course of construction; the former is the gift of the Mask and Wig Club of the University of Pennsylvania for the purpose of perpetuating the memory of its founder and president, Mr. Clayton F. McMichael. The building will form

the Thirty-sixth and Spruce street corner of the Dormitory system. To the west of the Mask and Wig house, completing the Dormitory system along Spruce street, another Dormitory house



THE DORMITORY TERRACE FROM THE "BIG QUAD".

is being constructed, but has not yet been named. To the south of the Mask and Wig house, on the Thirty-sixth street side, is being erected another tower which will be used as an entrance

to the "Big Quad." Each of these three new buildings will have accommodations for 40 or 50 students.

**THE COLLEGE.**—Founded 1740—third oldest in America. In the spring of 1908 there were 2668 students in the Academic Department and 192 officers of instruction. The buildings connected with the College Department are: College Hall, Logan Hall, Harrison Chemical Laboratory, Morgan Laboratory of Physics, Biological Hall and Greenhouses, the Vivarium; Light, Heat, and Power Station, the Civil, Mechanical, and Electrical Engineering Building, and the Astronomical Observatory. Plans are also under consideration for the construction of a building for the Wharton School of Finance and Commerce, and a new hall of Architecture.

**COLLEGE HALL.**—Third home of College Department; first was at Fourth and Arch streets; second, at Ninth and Chestnut streets (where Post Office now stands). This building was designed by Professor Thomas Richards of the University Faculty, and is in a style reminiscent of Italian Gothic; it was erected in 1871; size 256 x 136 feet; material serpentine (green) rock. It contains class and lecture rooms for such general courses as English, Mathematics, History, Languages, etc., and also houses, for the present, the School of Architecture. The laboratories of Geology and Psychology are in the basement. The General University offices and the office of the Dean of the College are to the right and left of the entrance on the first floor; Museum of Geology, first floor center; Chapel (with oil portraits of former Provosts, memorial tablets, windows, etc.), second floor, center; School of Architecture (with permanent exhibits of drawings of interest to visitors), third floor; rooms of the Philomathean and Zelosophic Societies, fourth floor, center. The "ivy tablets" on the front of the building are interesting. Each graduating class plants an ivy and erects a tablet; most of these are here, though others will be found on Houston Hall, at the Library, and at the Dormitories.

On the campus in front of College Hall is a young elm, which is a scion of the "Penn Treaty Elm," also a memorial oak tree planted by the Class of 1868 College.



## OIL PORTRAITS IN COLLEGE HALL.

*WILLIAM SMITH, D.D., LL.D.* (E. D. Marchant, 1871, after Stuart), Provost of the College and Academy of Philadelphia, 1755-1791. Presented by J. Blodgett Britton, Esq., 1872.

*JOHN EWING, D.D., LL.D.*, Provost of the University of the State of Pennsylvania (as distinguished from the College and Academy), 1780-1791; and Provost of the University of Pennsylvania, 1791-1802.

*JOHN McDOWELL, LL.D.*, Provost, 1807-1810.

*JOHN ANDREWS, D.D.*, Provost, 1810-1813.

*FREDERICK BEASLEY, D.D.*, Provost, 1813-1828.

*RT. REV. WILLIAM HEATHCOTE DELANCEY, D.D., LL.D.*, Provost, 1828-1833; Trustee, 1826-1828, 1833-1839.

*JOHN LUDLOW, D.D., LL.D.*, Provost, 1834-1853.

*HENRY VETHAKE, LL.D.*, Vice-Provost, 1845-1854, Provost, 1854-1859.

*DANIEL RAYNES GOODWIN, DD., LL.D.* (H. Diegenesch), Provost, 1860-1868. Presented by Harold Goodwin, of the Class of 1870.

*CHARLES JANEWAY STILLÉ, LL.D.*, Provost, 1868-1880.

*WILLIAM PEPPER, M.D., LL.D.* (G. W. Pettit), Provost, 1881-1894. Presented by his classmates of the Class of 1862 College in June, 1902.

*ROBERT PATTERSON, LL.D.*, Vice-Provost, 1810-1813.

*ROBERT MASKELL PATTERSON, M.D.*, Vice-Provost, 1813-1828; Trustee of the University, 1836-1854.

*SAMUEL BROWN WYLLIE, D.D.*, Vice-Provost, 1834-1845.

*HENRY VETHAKE, LL.D.* (by Sully), Vice-Provost, 1845-1854 (when he became Provost).

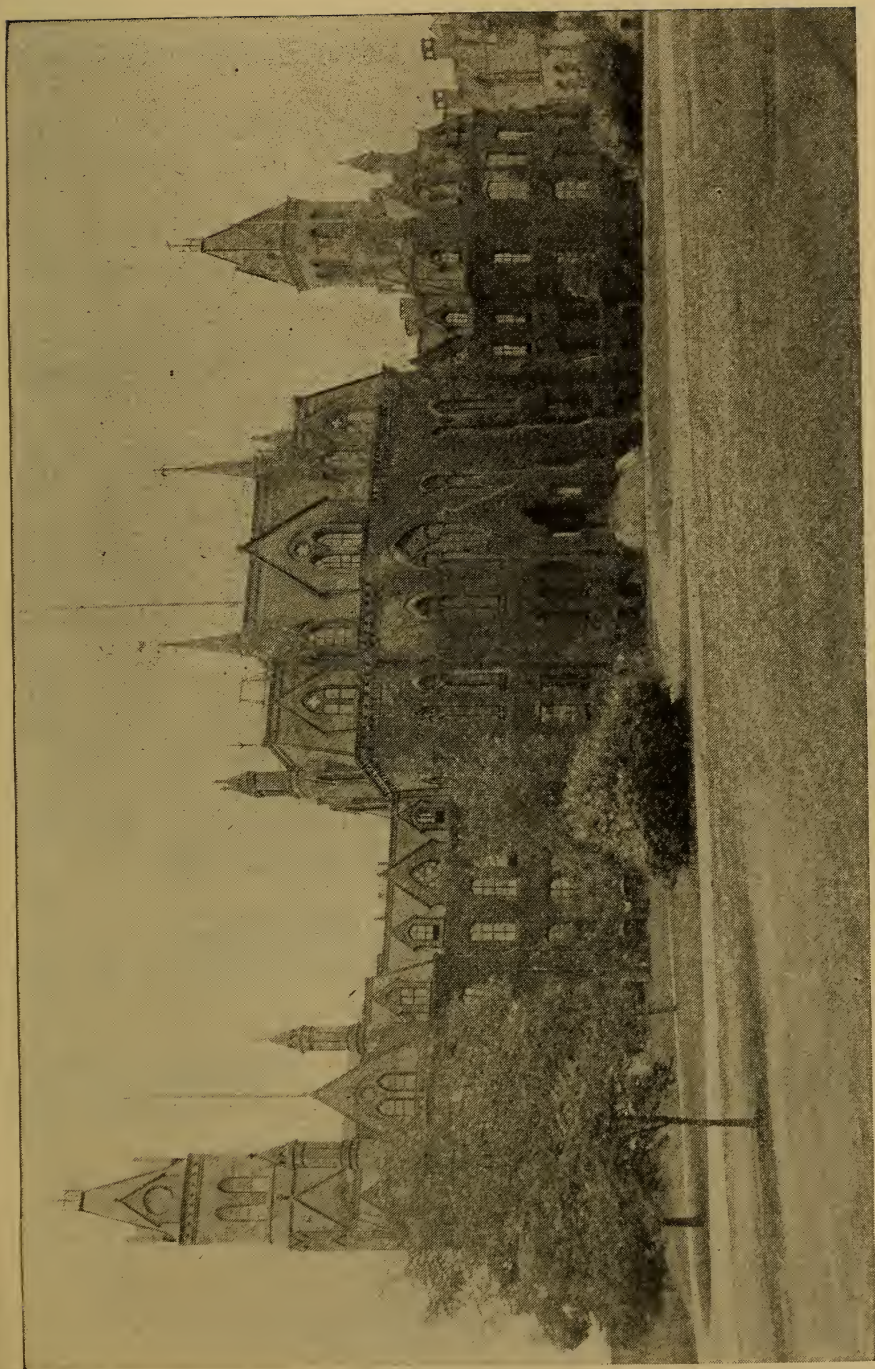
*HENRY REED, LL.D.* (by Sully), Vice-Provost, 1854 (died in office).

*JOHN FRIES FRAZER, LL.D.*, Vice-Provost, 1855-1868.

*CHARLES PORTERFIELD KRAUTH, D.D., LL.D.* (I. L. Williams, 1884) (Trustee of the University, 1865-1868; Vice-Provost, 1872-1883).

*EZRA OTIS KENDALL, LL.D.* (M. H. Kevorkian), Vice-Provost, 1883-1894. (Also Dean of the College during the same





COLLEGE HALL.

period, and Professor of Mathematics, 1855-1896.) Presented by Mrs. Roberts Bartholow and Mr. Evans R. Dick at Commencement, 1903.

*GEORGE ALLEN, LL.D.* (by Sully), Professor of the Greek and Latin Languages, 1845-1864, and of Greek Language and Literature, 1864-1876.

*ALEXANDER DALLAS BACHE, LL.D.*, Professor of Natural History and Philosophy, 1828-1844. Presented by the Zelosophic Society.

*JOHN WELSH, LL.D.* (crayon), Trustee of the University from 1861 to 1886, and founder of the "John Welsh Centennial Professorship of History and English Literature."

*ASA WHITNEY* (W. N. Willcox, from the original by W. H. Furness, Philadelphia, 1877), founder of the "Whitney Professorship of Dynamical Engineering," June, 1874.

*CHARLES CHRISTIAN SCHAEFFER* (C. Wieau Helden), Professor of German, 1857-1867. Presented by his family.

*J. B. FELIX DROUIN* (J. O. Montolant, 1851), Professor of French, 1852-1856. Presented by his widow.

*"DONNA ISABELLA LA CATOLICA"* (a copy). The original was painted in 1496 by Antonio del Rinconi, sometime portrait-painter to the Court of Spain. The copy, which is believed to be the only one in America, is by El Condé del Donadio, a Doctor of Jurisprudence of the University of Madrid, and was presented by him to the University in 1876.

## MEMORIALS IN COLLEGE HALL.

On the stained glass window on the first landing of the west staircase is inscribed:

I heard a voice from Heaven saying write	DEXTRAS DARE  In memory of FRANKLIN FISHER MAXFIELD Born December 10th, 1849 Died August 11th, 1870.	Blessed are the dead which die in the Lord.
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A stained glass window on the first landing of the east staircase is inscribed:

In Memoriam  
 REV. E. KINNERSLEY, A.M.  
 orat : et : litt : angl  
 Prof. 1753-1772

On the stained glass window on the second landing of the west staircase is inscribed :

In Memoriam  
ALEXANDER BENSON, FIL.  
Grad : in : artibus  
Bac. ADM. MDCCCL  
Nati A. D. V. nonas : mart : MDCCCXXXI A. D.  
Obit : nonis : Aug. MDCCCLXX

On the south wall of the Chapel is a large black and Tennessee marble tablet inscribed as follows :

Erected by their Brethren  
to the memory of  
JOHN RICHTER JONES, '21  
HENRY JONATHAN BIDDLE, '34  
FRANCIS ENGIE PATTERSON, '41  
THOMAS S. MARTIN, '42  
WILLIAM PLATT, JR., '46  
JAMES ST. CLAIR MORTON, '47  
ALBERT OWEN STILLÉ, '48  
CHARLES FREDERICK TAGGART, '52  
CHARLES IZARD MACEUEN, '53  
HENRY COURTLAND WHELAN, '53  
DANIEL PENROSE BUCKLEY, '55  
JAMES HAMILTON KUHN, '57  
CHARLES BAKER RIEHLE, '58  
JOHN HAZELTINE HADDOCK, '59  
GEORGE MCCLELLAN BREDIN, '60  
FRANCELLUS GORDON DALTON, '60  
ARCHIBALD HILL ENGLE, '60  
ROBERT PATTERSON ENGLÉS, '60  
GEORGE WILLIAM POWELL, '60  
Sons of the University who died to uphold the laws  
of their country in the War of the Great Rebellion.

Ω. ΞΕΙΝ. ΑΓΓΕΛΛΕΙΝ.  
ΛΑΚΕΛΛΑΙΜΟΝΙΟΙ Σ. ΟΤΙ. ΘΙΑΕ.  
ΚΕΙΜΕΘΑ. ΤΟΙ Σ. ΚΕΙΜΩΝ. ΠΗΜΑΣΙ.  
ΓΕΙΘΟΜΕΝΟΙ.

On the south wall, over the central doorway, is a black marble tablet inscribed :

In Honorem Dei  
et ad usum scholarum  
in artibus liberalibus ac utilioribus  
has novas sedes academiae  
Univ : Penn : curatores exstruere  
MDCCCLXXI



On the south wall, over the west entrance, is a black marble tablet inscribed:

In Grateful Commemoration  
of the zealous and unselfish labors of  
JOHN WELSH  
in promoting the success of  
THE CENTENNIAL INTERNATIONAL EXHIBITION  
the citizens of Philadelphia  
have endowed the  
JOHN WELSH CENTENNIAL PROFESSORSHIP  
• OF HISTORY AND ENGLISH LITERATURE  
IN THIS UNIVERSITY  
1876

On the south wall, over the east entrance, is a terra-cotta tablet inscribed:

To  
Commemorate the Broad Humanity  
of  
JOSHUA B. LIPPINCOTT  
one of the benefactors of this University  
to whose liberality  
the Veterinary School  
mainly owes its existence and support  
this tablet is erected  
A. D. 1886

On the east wall is a black marble tablet inscribed:

To  
the memory  
of  
the eldest sons  
of our fair mother  
MDCCLVII  
FRANCIS HOPKINSON  
JOHN MORGAN  
HUGH WILLIAMSON  
JAMES LATT  
SAMUEL MAGAW  
JACOB DUCHE, JR.  
this tablet is  
dedicated by the youngest  
MDCCCXCVIII

The stained glass windows in the Chapel, from east to west, are dedicated as follows:

The first, presented by the Zelosophic Society, is inscribed at the bottom:

“ZEL : SOC : COND : MDCCCXXIX.”

The second window was presented by the Philomathean Society, and is inscribed:



H. B. CHEW  
T. D. CONDY  
J. BAYARD  
G. BUCHANAN  
J. S. DAVIDSON  
C. F. CRUSE  
E. RAWLE

H. S. COXE  
H. RAWLE  
J. J. RICHARDS  
W. A. MUHLENBERG  
T. W. PETTIT  
W. H. WEST

Sic : itur : ad : astra : an : dom : CICICCCCLXXII

Societas : Philomatheia : An : soe : conditae : lix :

Univ : Penn.

M. H. P. C.

IN : CONDITORUM : MEMORIAM :

The third window is inscribed:

In Memoriam  
J. LUDLOW, D.D., LL.D., Praefectus 1834-1852  
JOHANNES LUDLOW, D.D., LL.D., Praefectus 1834-1852

The fourth window is inscribed:

THOMAE PENN	GUILELM PENN
Collegii Phila.	Coloniae
inter : fundatores	Pennsylv
praestantissimi	conditoris
Classis : ad : grad : prim : ann. CIQIQ CCCPXVII A. D. M.	

The fifth window is inscribed:

D. RITTENHOUSE  
V. Praef : et : Prof : 1780-82

The large central window, or sixth, has a picture of Benjamin Franklin at its apex, and is inscribed:

eirpuit : gaelo : fulmen : sceptrumque : tyrannis :  
ob : civas : servatos :

In Memoriam

Conditoris : illustrissimi : Univ : Penn :

Alumni

hanc : effigiem : posuere :

The seventh window is inscribed:

Acad : Nat : Sci : Praeses : S : R : lond : et :  
call : inst : soc :

In Memoriam

A. D. BACHE, LL.D.

in : Univ : Phil : Nat : et : Chim : Prof :

The eighth window is inscribed:

H. REED  
V : Praef : et : Prof :  
1831-54

The ninth window is inscribed:

crescit : ut : arbor : nec : tamen : consume : batur  
S. B. WYLIE  
V : Praef : et : Prof : 1828-45

The tenth window is inscribed:

clarum : et : venerable : nomen  
In Memoriam  
GUL. WHITE, D.D : e : curatoribus : 1774-1835.

The eleventh window is inscribed:

consiliabius : prudens : et : fidelis  
In Memoriam  
A. POTTER, D.D., LL.D.  
e : curatoribus : 1845-1865

The window at the west end of the main floor is inscribed:

je : suis : pret :  
ad : grad : bac : adm. A. D. 1873  
JOHANNI FRIES FRAZIER  
carrissimo : praeceptori : suo : LL.D.  
hanc : fenestram : picturatam : M. P. C.

In the main hall, near the entrance, is a brass tablet inscribed:

To the Memory of  
ALBERT MONROE WILSON  
1839-1904  
Known to fifty classes of Pennsylvania men as  
"POMP"  
the alumni of the college have  
established a scholarship  
as a tribute to his zealous fidelity.

Clock in College Hall, inscribed:

THE GIFT OF TOBIAS WAGNER, Esq.,  
to the University of Pennsylvania  
1868

And a clock and bulletin board inscribed:

PRESENTED BY THE CLASS OF 1893

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**THE LIBRARY.**—Founded 1749; building at 34th and Locust streets dedicated February 7, 1891; estimated cost, \$200,000;

material, brick, red sandstone, and terra cotta; architects, Furness, Evans & Company. The building is in two sections. The main part has a tower 95 feet high, and is amphitheatrical in form, 140 x 80 feet. A glass-covered stack, which is fire-proof, is 32 x 110 feet and forms the other half of the main building. The height of the main reading room is 60 feet. The inscriptions on the windows were selected by Horace Howard Furness, a former trustee of the University. Total number of books (1907) 300,000 volumes, of which 41,000 constitute the Law Library in the Law Department Building; and upwards of 50,000 unbound pamphlets.

Special features: Collections—Books presented by Louis XVI; Henry Carey Library of English Pamphlets on Economics, Finance, etc.; Francis C. Macauley Library on Dante, Petrarch, and Tasso; Fairman Rodgers Library on horses and equitation; Brinton Collection on American Languages and Archaeology; Caldwell Library on Finance and Political Economy; Seybert Library on Spiritualism; Library and Portraits of the Philadelphia Society for Promoting Agriculture; Bechstein Library on Germanic Philology; Leutsch Library on Classical Philology and Literature; Libraries of Joseph Leidy, J. A. and E. D. Cope, on Biology, Zoology, etc.; Tower's Russian Library; Marcus Jastrow Memorial Library on Hebrew and Rabbinical Literature; Library of Zelosophic Society; Bartram Memorial Library on Botany; McCartee's Japanese and Chinese Library; early editions of Old English Plays, and other special collections. Also large collection of Franklin papers; portrait of William Wordsworth painted by Henry Inman; portrait of Franklin, by Gainsborough; and numerous other paintings; framed documents, early diplomas, and numerous early and rare publications, pamphlets, programs, etc., bearing on the history of the University; bust of George B. Norr (1797-1879); Memorial Tablet erected by The Society of the Alumni to commemorate gifts of College Classes to the Library; Orrery and Clock made by David Rittenhouse. In hall: Cornerstone of the former University buildings, 9th and Chestnut streets, originally built for the accommodation of the Presidents of the United States. Reading room on the ground floor with desks and tables to accommodate several hundred

readers; upper floors set aside for lecture room and seminar libraries of the Graduate Department.

The Library is open from 8 A. M. to 10 P. M.

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## OIL PORTRAITS IN UNIVERSITY LIBRARY.

*BENJAMIN FRANKLIN, LL.D.* (Copy by Th. Gainsborough, R. A. of original by same hand), statesman, scientist, philanthropist, and trustee of the College and Academy of Philadelphia, from 1749 to 1789. Presented by the Class of 1852 College, University Day, February 22, 1902, through Joseph G. Rosen-garten, Esq., trustee of the University, 1896 to date.

*WILLIAM WORDSWORTH* (Original from life by Henry Inman, 1844), poet. Presented by George C. Thomas, Esq.

*JOSEPH WHARTON, Sc.D.* (Gutekunst), scientist, benefactor, founder (1881) of the Wharton School of Finance and Commerce in the University of Pennsylvania.

*THOMAS ALEXANDER SCOTT* (J. A. Vinter, London), sometime President of the Pennsylvania Railroad, and founder of the "Thomas A. Scott Professorship of Mathematics" in the University of Pennsylvania.

*JOHN EDGAR THOMSON* (Vonnoh, after photograph), benefactor, sometime President of the Pennsylvania Railroad.

*JOHN HENRY TOWNE* (Wm. M. Hunt), trustee, 1873-1874; founder of the Towne Scientific School in the University of Pennsylvania.

*REV. SAMUEL WYLIE CRAWFORD, D.D.* (Unknown), Principal of the Academic Department of the University of Pennsylvania, 1830-1853.

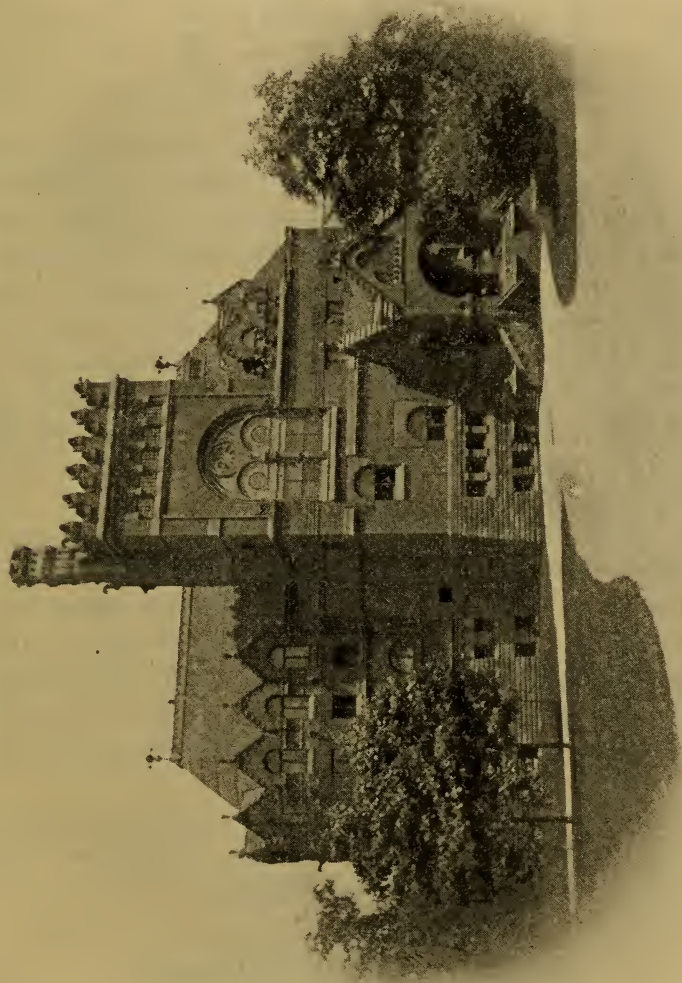
*STEPHEN COLWELL* (E. D. Marchant), benefactor; trustee of the University, 1856-1871; donor of collection of works on Political Science. Presented by Joseph Wharton, Esq., 1872.

*CHARLES MAYOR WETHERILL* (E. D. Marchant, after an early daguerreotype), scientist. At the time of his death, in 1871, Dr. Wetherill was one of the nominees for the then vacant Chair of Chemistry in the University of Pennsylvania. Presented by his mother, Mrs. Charles Wetherill.



*HENRY C. CAREY* (Unknown), benefactor; donor of collection of works on Political Science.

*OLIVER WOLCOTT, JR.* (Unknown).



THE LIBRARY.

Portraits of six members of the Philadelphia Society for the Promotion of Agriculture (artists unknown), to wit: *SAMUEL POWEL* (copy of one by Angelica Kauffman); *RICHARD*

*PETERS, AARON CLEMENTS, JAMES MEASE, NICHOLAS BIDDLE, CRAIG BIDDLE.* Presented by the Society, along with its collection of works on Agriculture.

A unique collection of silhouette portraitures of the Class of 1811 College (executed at "Peale's Museum," under the direction of Charles Wilson Peale). Presented by Mrs. Thomas N. Clay, a daughter of Benjamin Gratz, 1811 C. The collection includes twenty likenesses out of a total class membership of twenty-one, as follows:

*JOSEPH BARR, ROBERT P. BELLEVILLE, THOMAS P. BENNETT, RICHARD BIDDLE, CLEMENT ADAM BUCKLEY, THOMAS KING CARROLL, [ALFRED HENRY DASHIELL,] RICHARD DE BUTTS, GEORGE DUFFIELD, SAMUEL DUFFIELD, JOSEPH PATTERSON ENGLES, CHARLES PEMBERTON FOX, BENJAMIN GRATZ, SAMUEL BLANCHARD HOW, LYNFORD LARDNER, RIDER HENRY RACKLIFFE, [THOMAS M. ROSS,] ISAAC CLARKSON SNOWDEN, JAMES TILGHMAN, [EDWARD HANCOCK CUSTIS WILSON,] RICHARD CLEMENT WOOD, [SAMUEL WYLIE].*

*MRS. JOHN EWING* (copy by R. T. Furness, from miniature in possession of Miss Foote) wife of the second Provost of the University. Presented by Mr. F. Dickinson Sargeant, 1908.

Collection of 1,500 bromide photographs of works of art and European monuments of architecture, and reproductions of masterpieces, on walls of the Library, College Hall, and in the cabinets of the Architectural Department. Presented by Mrs. Rosalie Butcher.

Total number of books, about 300,000 volumes, of which 41,000 constitute the Law Library in the Law Department Building; and upwards of 50,000 unbound pamphlets.

## MEMORIALS IN LIBRARY.

In the hallway, at the entrance to the Library, is the cornerstone brought from the building at Ninth and Market streets, occupied by the University of Pennsylvania from 1802 to 1829. The inscription is as follows:

THIS CORNER STONE  
OF THE HOUSE TO  
ACCOMMODATE THE PRESIDENT  
OF THE UNITED STATES  
WAS LAID

MAY 10TH, 1792  
WHEN PENNSYLVANIA  
WAS HAPPILY OUT OF DEBT.

THOMAS MIFFLIN  
THEN GOVERNOR OF THE STATE

In the hallway, to the left of the entrance, is an orrery made by the famous astronomer, David Rittenhouse, for the University of Pennsylvania.

On a bronze balcony, on which have been placed the Tower collection of Russian books, is a large bronze tablet inscribed:

THE CHARLEMAGNE TOWER  
COLLECTION

On the south wall, in the main room, is a wooden tablet, inscribed:

LITTERIS REGITUR MUNDUS

The society of the Alumni erects this tablet  
to commemorate gifts by College classes to the  
Library.

1852	1887	1890	1892
1865	1889	1891	1893

Bust of George B. Wood; base inscribed on three sides, as follows:

GEORGE B. WOOD, M.D., LL.D.

1797-1879

HIS LONG LIFE

OF STRENUOUS LABOR FOR

THE ADVANCEMENT OF

MEDICAL SCIENCE AND

EDUCATION WAS PASSED

UNDER THE SHADOW OF

THIS UNIVERSITY

IN WHICH FOR HALF A CENTURY

HE WAS STUDENT, PROFESSOR, OR TRUSTEE

HE BESTOWED UPON IT LARGE

AND MANIFOLD GIFTS BUT

HE LEFT IT A RICHER LEGACY

IN THE LUSTRE OF A NAME

ACKNOWLEDGED FOR MANY

YEARS AS FIRST IN THE

MEDICAL PROFESSION IN

AMERICA

GRADUATE IN ARTS—1815  
 IN MEDICINE—1818  
 PROF. OF MATERIA MEDICA  
 AND PHARMACY—1835-1850  
 OF THEORY AND PRACTICE  
 OF MEDICINE—1850-1860  
 PROF. EMERITUS—1860-1879  
 AND TRUSTEE FROM 1863-1879  
 FIRST PRESIDENT OF THE  
 UNIVERSITY HOSPITAL  
 1874-1879  
 Among other gifts he  
 FOUNDED AND ENDOWED  
 THE AUXILIARY FACULTY  
 OF MEDICINE AND  
 THE PETER HAHN WARD  
 OF THE HOSPITAL

PRESIDENT OF THE  
 COLLEGE OF PHYSICIANS  
 1848-1879  
 OF THE AMERICAN MEDICAL  
 ASSOCIATION 1855-1856  
 OF THE NATIONAL CONVENTION  
 FOR THE REVISION OF THE  
 PHARMACOPEIA 1850-1860  
 OF THE AMERICAN PHILOSOPHICAL  
 SOCIETY 1859-1879  
 HE ENRICHED THE SCIENCE OF  
 MEDICINE BY HIS STANDARD  
 WORKS ON THE THEORY AND  
 PRACTICE OF MEDICINE AND ON  
 THERAPEUTICS AND BY HIS  
 AUTHORSHIP JOINTLY WITH  
 FRANKLIN BACHE, M.D., OF  
 THE UNITED STATES DISPENSATORY.

Bust of Benjamin Franklin just above the doorway.

Bust of Fairman Rogers, by Dunbar.

In the Library office is a large clock presented to the University by David Rittenhouse. The following description of the clock is given:

This thirty-day clock was made by David Rittenhouse, Esq., LL.D., of Philadelphia, who was a trustee of the University of the State of Pennsylvania 1779-1791, and of the University of Pennsylvania 1791-1797, as well as Vice-Provost and Professor in the former institution. The record on the minutes of the Board of Trustees relates that on August 4, 1790, Mr. Rittenhouse presented this "very valuable timepiece, which he had put up in the Provost's room." The clock was moved in 1802 to the University buildings on Ninth Street, where it stood for years in the room of Professor John Fries Frazer. In 1872 it was transferred to the present College Hall, where it remained for twenty years, until finally placed in its present position.



# MOTTOES ON THE WINDOWS AND ELSEWHERE IN THE LIBRARY.

Be checked for silence, but never taxed for speech.  
ALL'S WELL, I, i, 176.

Behold a cabinet for sages built  
Which kings might envy.  
WORDSWORTH, Excursion.

Better a witty fool than a foolish wit.  
TWELFTH NIGHT, I, i.

Celerity is never more admired than by the negligent.  
ANT. AND CLEOP., III, vii, 25.

Every one can master a grief but he that has it.  
MUCH ADO, III, ii, 29.

Fast bind, fast find.  
MER. OF VEN., II, v.

Few love to hear the sins they love to act.  
PERICLES, I, i, 92.

Fly pride, says the peacock.  
COM. OF ERR., IV, iii, 81.

Forbear to judge, for we are sinners all.  
2 HEN. VI, III, iii, 31.

Good reasons must, of force, give place to better.  
JUL. CAES., IV, iii.

(Over the main entrance.)  
Haec studia adolescentiam alunt, senectutem oblectant, secundas res  
ornant, adversis solatium et perfungium praebent, delectant domi, non  
impediunt foris, pernocrant nobiscum, peregrinantur, rusticantur.  
CICERO, Arch. 7.

He that is giddy thinks the world turns round.  
TAM. SHREW, V, ii, 20.

He that loves to be flattered is worthy of the flatterer.  
TIMON, I, i.

He that stands upon a slippery place  
Makes nice of no vile hold to stay him up.  
KING JOHN, III, iv, 136.

How full of briers is this working-day world!  
AS YOU LIKE IT, I, iii, 12.

How poor are they that have not patience!  
OTHELLO, II, iii, 376.

I do not like "But yet"; it does allay the good precedence.  
ANT. AND CLEOP., II, v, 51.

Ignorance is the curse of God;  
Knowledge the wing wherewith we fly to heaven.  
2 HEN. VI : IV, vii, 78.

In a false quarrel there is no true valor.

MUCH ADO, V, i, 129.

In everything the purpose must weigh with the folly.

2 HEN. VI: II, ii.

In the reproof of chance lies the true proof of men.

TRO. AND CRESS., I, iii.

It is an heretic that makes the fire;

Not she which burns in't.

WINT. TALE, II, iii, 114.

Laborare est orare.

Inter folia fructus.

Inter silvas Academi quaerere verum.

Many wearing rapiers are afraid of goose quills.

HAMLET, II, ii, 359.

Men at some time are masters of their fate.

JUL. CAES., I, ii.

Men should be what they seem.

OTHELLO, III, i.

Modest doubt is called the beacon of the wise.

TRO. AND CRESS., II, ii, 16.

Never anger made good guard for itself.

ANT. AND CLEOP., IV, i, 9.

—nil dulcius est, bene quam munita tenere

Edita doctrina sapientum templa serena.

LUCRETIUS, II, 7.

No might nor greatness in mortality

Can censure 'scape.

MEAS. FOR MEAS., III, ii, 196.

(In the main vestibule.)

O blessed Letters! that combine in one

All ages past, and make one live with all!

By you we do confer with who are gone

And the dead living unto counsel call.

S. DANIELL, Musiphilus to Fulke Greville.

Omission to do what is necessary

Seals a commission to a blank of danger.

TRO. AND CRESS., III, iii, 230.

Omittance is no quittance.

AS YOU LIKE IT, III, iv, 133.

O world, how apt the poor are to be proud!

TWELFTH NIGHT, III, i, 138.

Past and to come seem best; things present, worst

2 HEN. IV: I, iii.

Past cure is still past care.

LOVE'S LABOR L., V, ii, 28.

Peace is here or nowhere.

WORDSWORTH, Excursion.

Poor and content is rich, and rich enough.

OTHELLO, III, iii.

Procul, O procul este, profani, toto abstinate luco.

VIRGIL, AEN. VI, 258.

Reading maketh a full man; conference a ready man; and writing an exact man.

BACON, of Studies.

Read not to contradict, nor to believe, nor to find talk and discourse; but to weigh and consider.

BACON, of Studies.

Self-love is not so vile a sin as self-neglecting.

HEN. V : II, iv, 74.

Small things make base men proud.

<sup>2</sup> HEN. VI : IV, i.

Smooth runs the water where the brook is deep.

<sup>2</sup> HEN. VI : III, i, 53.

Some books are to be tasted, others to be swallowed, and some few to be chewed and digested.

BACON, of Studies.

Some falls are means the happier to arise.

CYMBELINE, IV, ii, 403.

Striving to better, oft we mar what's well.

LEAR, I, iv, 369.

Strong reasons make strong actions.

KING JOHN, III, iv.

Talkers are no great doers.

RICHARD III, iii, 352.

The empty vessel makes the greatest sound.

HEN. V : IV, iv, 73.

The labor we delight in, physics pain.

MACBETH, II, iii, 55.

The learned pate ducks to the golden fool.

TIMON, IV, iii, 17.

There is no past so long as books shall live.

There is no time so miserable but a man may be true.

TIMON, IV, iii, 462.

There is some soul of goodness in things evil.

HEN. V : IV, i, 4.

There's small choice in rotten apples.

TAM. OF THE SHREW, I, i, 138.

They that with haste will make a mighty fire, begin it with weak straws.

JUL. CAES. I, iii, 107.

- Thought is free. TWELFTH NIGHT, I, iii.
- Time and the hour runs through the roughest day. MACBETH, I, iii.
- Time is the old Justice that examines all offenders. AS YOU LIKE IT, IV, i.
- Timor Domini Principium Sapientiae.
- 'Tis mad idolatry to make the service greater than the god. TRO. AND CRESS., II, ii, 56.
- To climb steep hills requires slow pace at first. HENRY VIII : I, i, 131.
- Too light winning makes the prize light. TEMPEST, I, ii, 451.
- Truth hath a quiet breast. RICH. II : I, iii, 96.
- Truth is truth to the end of reckoning. MEAS. FOR MEAS., V, i, 45.
- When clouds appear, wise men put on their cloaks. RICH. III : II, iii.
- Who cannot condemn rashness, in cold blood? TIMON, III, : v, 53.
- Winning will put any man into courage. CYMBELINE, II, iii.
- Wisdom and goodness to the vile seem vile. LEAR, IV, ii, 38.
- Wisely and slow; they stumble that run fast. ROM. AND JUL., II, iii, 94.
- Virtue itself turns vice, being misapplied. ROM. AND JUL., II, iii, 21.
- Your "If" is the only peacemaker; much virtue in "If." AS YOU LIKE IT, V, iv, 108.

<i>ΓΝΩΘΙ ΣΕΑΥΤΟΝ</i>	SOLON.
<i>ΤΕΛΟΣ ΟΡΑΝ ΜΑΚΡΟΥ ΒΙΟΥ.</i>	CHILO.
<i>ΚΑΙΡΟΝ ΓΝΩΘΙ.</i>	PITTACUS.
<i>ΟΙΠΑΕΙΟΥΣ ΚΑΚΟΙ.</i>	BIAS.
<i>ΜΕΛΕΘΗ ΤΟ ΠΑΝ.</i>	PERIANDER.
<i>ΑΡΙΣΤΟΝ ΜΕΤΡΟΝ.</i>	CLEOBULUS.
<i>ΕΓΓΥΑ ΠΑΡΕΣΤΙ Δ'ΑΤΗ.</i>	THALES.
<i>ΓΝΩΜΑΙ ΠΑΕΟΝ ΚΡΑΤΟΥΣΙΝ Η ΣΘΕΝΟΣ ΧΕΡΩΝ.</i>	SOPHOCLES.



The following is a translation of an inscription in cuneiform characters, taken from the Colophon on clay tablets of Ashurbanabal's Library:

"These I gathered in my palace for general instruction."



JOHN HARRISON LABORATORY OF CHEMISTRY.

JOHN HARRISON LABORATORY OF CHEMISTRY, located at 34th and Spruce streets; dedicated 1894; size, 170 x 160

feet; gift of C. C. Harrison, A. C. Harrison, and W. W. Harrison.

The laboratory was named for their grandfather, John Harri-



RANDAL MORGAN LABORATORY OF PHYSICS.

son. The building was designed by Cope and Stewardson, and shows the broad, projecting eaves and other characteristics of brick architecture in the Italian Renaissance style. The building is one of the finest and best equipped chemical laboratories

in America. It is three stories high. On the first floor is a large laboratory for general and analytical electrochemistry, an electric furnace room, assay room, room for heating under pressure, assay balance room, laboratory for technical chemistry, the offices of the department, storage rooms, etc. There is also a large amphitheatre seating 300 persons. On the second floor are two large laboratories, qualitative and quantitative, hydrogen sulphide rooms, a dark room, a spectroscope room, gas analysis and reading rooms, lecture rooms, a museum and private research rooms. On the third floor are an organic laboratory, a combustion room, and several private research laboratories.

## PORTRAITS.

*JOHN HARRISON* (by I. L. Williams, after Peale). Eminent scientist and Pioneer Chemical manufacturer in America. Presented by Provost Charles C. Harrison.

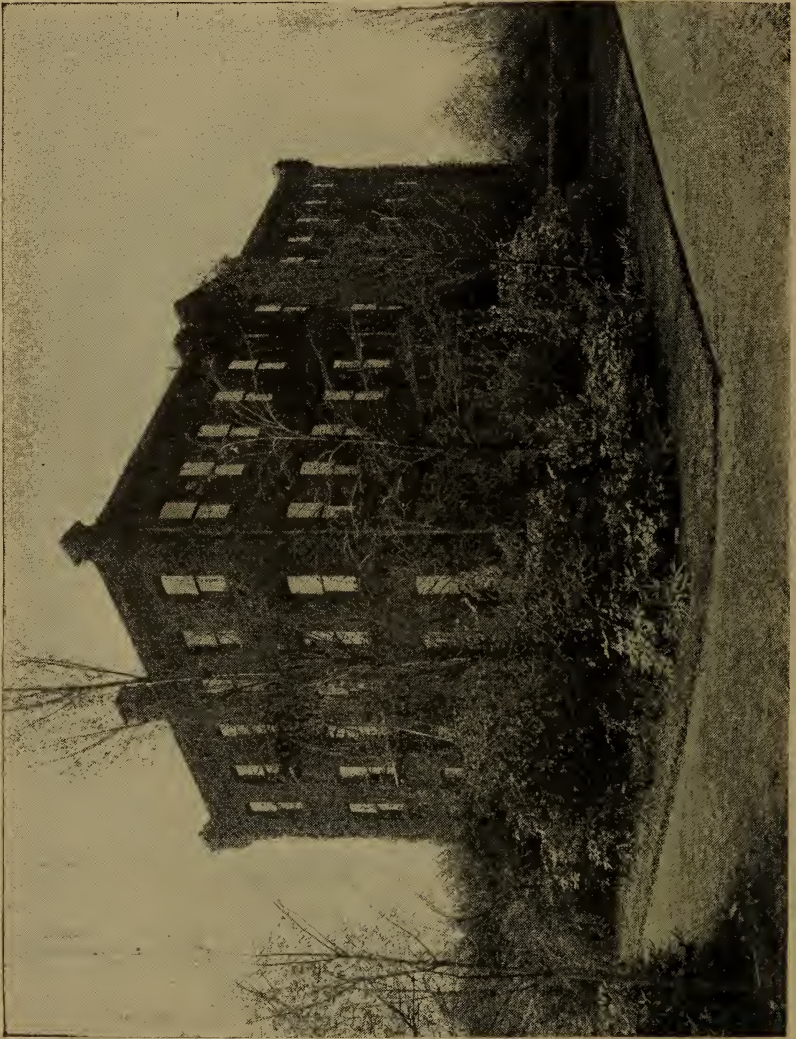
## THE RANDALL MORGAN LABORATORY OF PHYSICS.—

Buildings and endowment—\$250,000—gift of Randal Morgan. Situated on 34th street below Walnut street. The two buildings are constructed of red brick, are three stories high, and were designed by Cope and Stewardson, in the style of the brick architecture of the Italian Renaissance. The one is 60 x 80 feet, and the other 67 x 45, with a wing 23 x 49 feet. The Laboratory is equipped with seventy-five thousand dollars worth of physical apparatus, including several valuable pieces for work of research in heat, radiation, and in electricity and magnetism. A shop and tool-room, fitted with all the latest devices, is located in the basement, east side, while the west side is occupied by an air liquefier and other research apparatus. On the first floor are the practical laboratories; on the second, the lecture and class rooms; and on the third, nine rooms for special research. The cabinet for lecture and illustration is particularly well equipped.

**BIOLOGICAL HALL**, on Hamilton Walk, behind the University Dormitories, surrounded by Botanic Gardens. The building, which is beautifully overgrown with ivy, is 80 x 45 feet, erected in 1884, and consists of three floors and a basement. It contains classrooms, herbarium room with 42,000 sheets of plants;



museum containing Pennock-Wheatly collection of shells; the Leidy collection of parasites, and the celebrated Hyrtl-Cope osteological collection; Botanical Library Room with about 3,000



BIOLOGICAL HALL.

volumes, also the Bartram Memorial Botanical Library; and the Zoological Library Room with about 4,000 volumes, including the Leidy-Ryder-Cope Collections.



## OIL PORTRAITS IN BIOLOGICAL HALL.

*EDWARD DRINKER COPE, Ph.D.* (Clarence Worrall), Professor of Geology and Paleontology, 1889-1897. Presented by friends.

**BOTANIC GARDEN**, established in 1894, has eleven green-houses containing 1,350 species and varieties of plants, also a physiological plant laboratory. The surrounding grounds cover four acres, and contain about 1,600 species of plants.

The beautiful lily and lotus ponds and the winding paths are among the most attractive features of the University Campus.

The garden and buildings are open to visitors from sunrise to sunset.

**THE VIVARIUM**, established in 1898, is located along Hamilton Walk, west of Biological Hall. It has fresh and salt water aquaria containing a great variety of marine and fresh water animals; houses for land animals, and experimental rooms. This was the first vivarium ever connected with any educational institution.

**HAMILTON WALK.**—This is one of the most beautiful stretches on the University Campus, occupying the former site of Pine street, from 34th street to 38th; along the north side are the Dormitories and the "Old Athletic Field"; on the south the new Medical Laboratories, Biological Hall, the Vivarium and the Botanic Gardens; at the 38th street entrance is the Class of 1873 Memorial Gate; along both sides of Hamilton Walk are growing shade trees, of many rare varieties, planted for prominent Pennsylvanians, each tree marked by a bronze tablet inscribed with the name of the one to whom it is dedicated.

## INSCRIPTIONS AND MEMORIALS IN BOTANICAL DEPARTMENTS.

Along both sides of Hamilton walk are shade trees planted for prominent Pennsylvanians; each tree is marked with a brass

tablet, bearing the inscription for the man to whom it is dedicated. The following is a key to the tablets:

73 Memorial Gate

(1) (3) (5) (7) (9) (11) (13) (15) (17) (19) (21) (23) (25) (27)

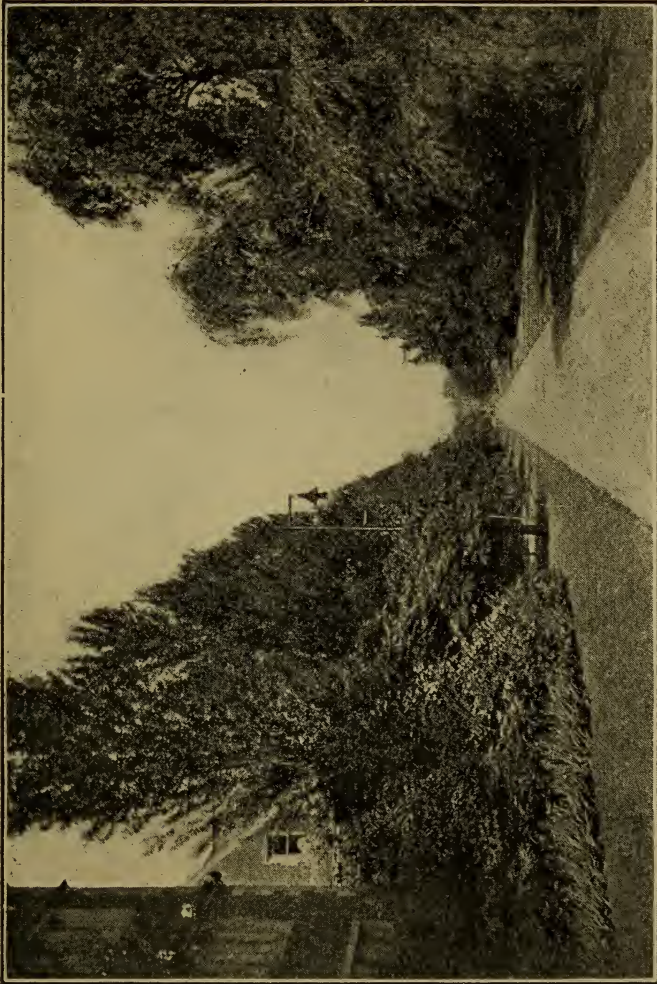
### HAMILTON WALK

(2) (4) (6) (8) (10) (12) (14) (16) (18) (20) (22) (24) (26) (28)

1. Black Oak (*Quercus tinctoria*). Memorial Tree planted for DANIEL H. HASTINGS, Governor of Pennsylvania.
2. \*Black Oak (*Quercus tinctoria*).
3. Weeping Willow (*Salix Babylonica*) Memorial Tree planted for CHARLES C. HARRISON, LL.D., Provost of the University.
4. \*Pin Oak (*Quercus palustris*). Dedicated to J. VAUGHAN MERRICK, Trustee of the University.
5. Pin Oak (*Quercus palustris*). Memorial Tree planted for FREDERICK FRALEY, LL.D., on his 97th birthday, 28th May, 1901.
6. \*Pin Oak (*Quercus palustris*). Dedicated to DR. S. WEIR MITCHELL, Trustee of the University.
7. \*Pin Oak (*Quercus palustris*). Dedicated to RICHARD WOOD, Trustee of the University.
8. Mossycup Oak (*Quercus macrocarpa*). Memorial Tree planted for HORACE HOWARD FURNESS, LL.D., Trustee of the University.
9. \*Pin Oak (*Quercus palustris*). Memorial Tree planted for WILLIAM PEPPER, M.D., LL.D., Ex-provost of the University.
10. Pin Oak (*Quercus palustris*). Memorial Tree planted for WILLIAM SELLERS, Trustee of the University.
11. \*Red Oak (*Quercus coccinea*). Dedicated to WHARTON BARKER, Trustee of the University.
12. \*Red Oak (*Quercus coccinea*). Memorial Tree planted for REV. OZI W. WHITAKER, Trustee of the University.
13. \*American Linden (*Tilia Americana*). Memorial Tree planted for CHARLEMAGNE TOWER, LL.D., Trustee of the University.
15. \*Black Oak (*Quercus tinctoria*). Memorial Tree planted for REV. DR. DANA BOARDMAN, Trustee of the University.
16. \*Pin Oak (*Quercus palustris*). Memorial Tree planted for JOHN B. GEST, Trustee of the University.
17. Tulip Poplar (*Liquidambar tulipifera*). Memorial Tree planted for JOHN CLARKE SIMS, Trustee of the University.
18. Tulip Poplar (*Liquidambar tulipifera*). Memorial Tree planted for SAMUEL W. PENNYPACKER, Trustee of the University.
19. Sugar Maple (*Acer saccharinum*). Memorial Tree planted for SAMUEL DICKSON, Trustee of the University.
20. \*Sugar Maple (*Acer saccharinum*). Memorial Tree planted for JOSEPH HARRIS, Trustee of the University.
21. American Elm (*Ulmus Americana*). Memorial Tree planted for W. W. FRAZIER, Trustee of the University.
22. American Elm (*Ulmus Americana*). Memorial Tree planted for JOSEPH G. ROSENGARTEN, Trustee of the University.
23. Sugar Maple (*Acer saccharinum*). Memorial Tree planted for WALTER G. SMITH, Trustee of the University.
24. \*Sugar Maple (*Acer saccharinum*).
25. \*Pin Oak (*Quercus palustris*). Memorial Tree planted for SAMUEL F. HOUSTON, Trustee of the University.
26. Pin Oak (*Quercus palustris*). Dedicated to REV. JESSE Y. BURK, S.T.D., Secretary of the University.
27. Catalpa (*Catalpa bignonioides*). Memorial Tree planted for JAMES MACCREA, Trustee of the University.

28. \*Catalpa (*Catalpa bignonioides*). Memorial Tree planted for RANDAL MORGAN, Trustee of the University.

\*Tablets for these have not yet been supplied or have been temporarily removed.



HAMILTON WALK.

On a sago palm in one of the greenhouses of the Botanical Department is a brass tablet inscribed:

I was born about one hundred and fifty years ago in "The Land of the Rising Sun," where they named me SAGOBEI SHURO, but here I am known as SAGO PALM, while botanists call me *CYCAS REVOLUTA*.



I lived in peace among my fellows till about five years ago, when some of the skilled gardeners of my native land severed my roots, removed my leafy crown and packed me up like a mummy; then they sent me across the wide waters to an enterprising firm named Dreer, in this great "Land of the Setting Sun." Here I lived till a botanist from the shrines of learning in this city of Brotherly Love revered my age, genealogy & stature, and so desired to have me.

By the generosity of Mrs. James McManes I was secured for my present abode, where by kind treatment I have regained my old dignity and leafy crown. Though far from my native home, I can survey the wonders of this great institution & exclaim: "I am the oldest living being in the University." Nay, more, when those who now serve it are gathered to their sires, I hope still to be green and flourishing.

SAGOBEI SHURO

1903.

In Botanical Library Hall is an inscription plate which reads:

"BARTRAM MEMORIAL LIBRARY

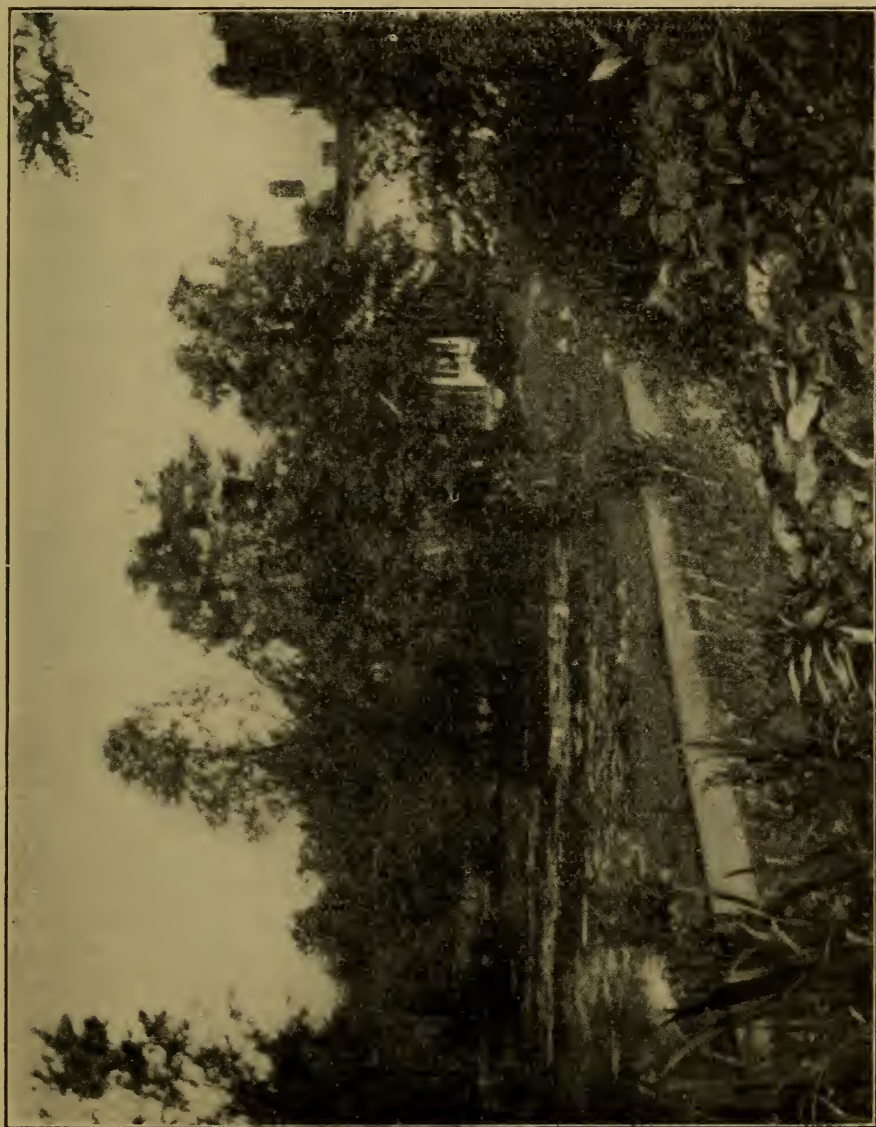
Presented by

THE BARTRAM MEMORIAL LIBRARY COMMITTEE"

**THE ENGINEERING DEPARTMENT** was established about 1874, and work in Electrical Engineering about 1891. These occupied rooms in College Hall prior to the construction of the special buildings in 1892.

**NEW ENGINEERING BUILDING.**—Located at 33rd and Locust streets. It faces south and is parallel with Dental Hall; ground broken August 12, 1903; dedicated October 19, 1906. It has a frontage of 300 feet and a depth of 160 feet, besides a large wing 50 feet square extending from the rear. Cost, \$750,000. The building was designed by Cope and Stewardson. It is fireproof throughout, while the equipment is of the most modern and approved type. The exterior is of dark brick with limestone trimmings, and while the general architectural treatment is in the English Georgian school and in accord with the keynote given by the Dormitories and later University buildings, it is in a quieter vein. There are three stories, with a basement covering a third of the entire area. There is a total floor area of 128,000 square feet. It is the largest on the Campus and is the best equipped building of its kind. The heating is by direct steam, the ventilation by electrically driven fans, and the lighting by electricity. There are two principal entrances leading to the





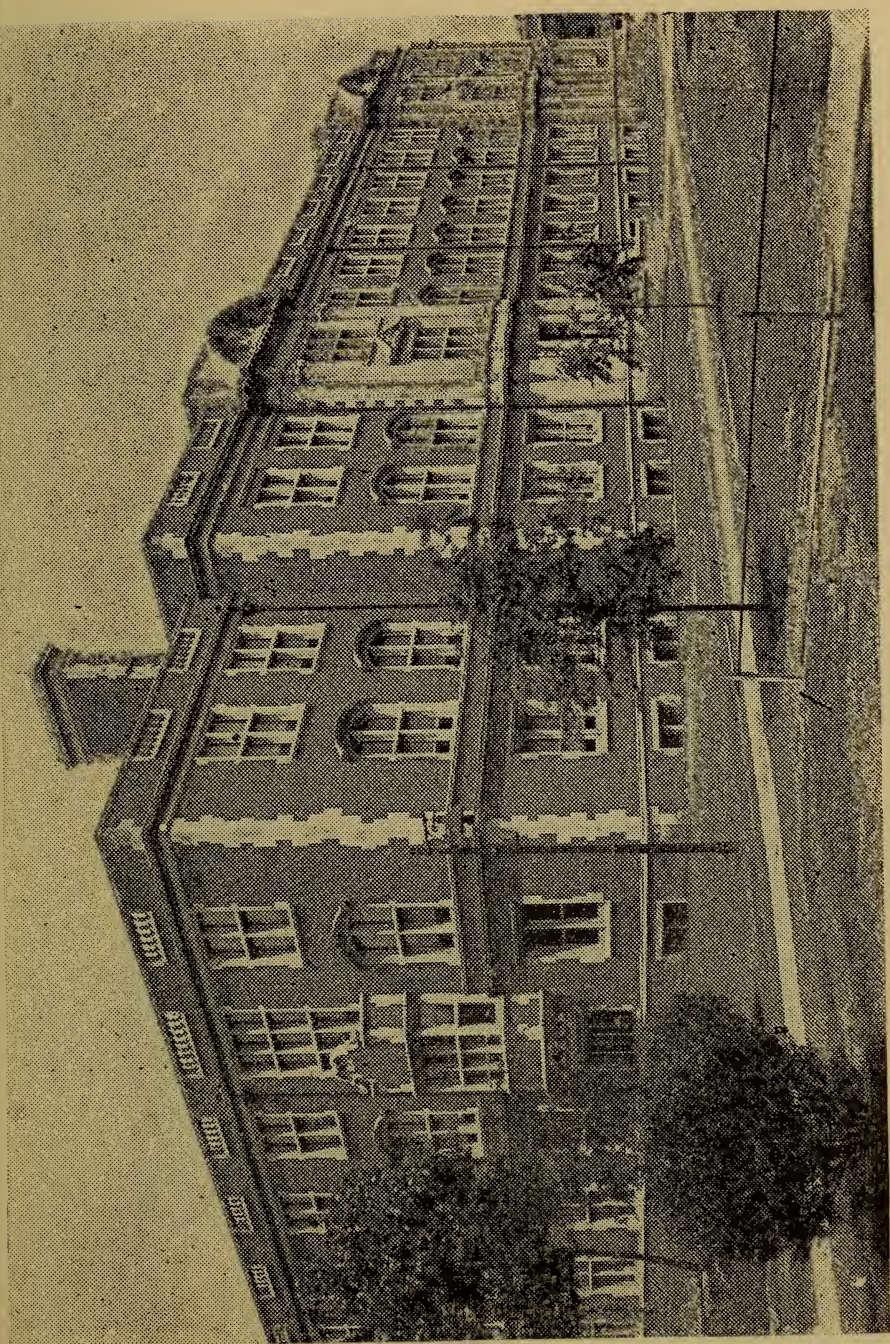
A POND IN BOTANIC GARDENS.

main hallway, which extends east and west the entire length of the building to staircases at both extremities. Large light-wells terminate in skylights over the main floor. The basement contains locker-rooms, lavatories, machinery for heating and ventilating, storage battery rooms, laboratories for geodetic and hydraulic work, and for the testing of the materials of construction. On the first floor, adjacent to the main entrance, are the offices of the heads of departments. Accommodation is also provided for physical and hydraulic testing, instrument testing and for special work in mechanical and electrical engineering. Rooms are likewise set aside for dynamos and electric motors, steam and gas engines, refrigerating apparatus, hydraulic motors, boiler testing, pattern making, wood and iron working, foundry and machine shops, etc. On the second floor is a reference library and reading room, a students' assembly room, rooms for use of instructors and for lectures and recitations. The rear portion of this floor is devoted almost wholly to drawing rooms. A room for the use of the engineering societies, a general supply store, and the library stack occupy the middle portion. In the east and west wings ample space is assigned to the engineering museums, while the rear of this floor is set aside exclusively for additional drawing rooms, which, like those just beneath, will have the full advantage of a north light.

**LIGHT, HEAT AND POWER PLANT.**—The central plant is located at the northwest corner of 34th and Spruce streets. It consists of two buildings, which were dedicated on May 26, 1893, both constructed of dark red brick with brownstone trimmings. The one is 56 x 200 feet, with a 14-foot driveway on 34th street, under which are the coal bins; and the other is 109 x 49 feet. The buildings were designed by Wilson Brothers, architects. Both buildings are one story high, and are connected with each other by a 13-foot shed. The building to the west was originally four stories high and was used by the Mechanical Engineering Department from 1893 to 1906, when it was partially destroyed by fire.

These buildings contain eight boilers of 1900 horse power each, and four engines of 425 horse power. The plant supplies light





ENGINEERING BUILDING.



and heat to all University buildings except the Museum, Wistar Institute, and the New Gymnasium. It furnishes light for about 16,000 incandescent lights of 16 c. p., and heats an air space of 18,000,000 cubic feet, or approximately that of 325 large three story houses. During the winter months the plant consumes as much as 81 tons of coal a day, almost 13,000 tons being used annually.

## MEMORIALS IN THE ENGINEERING BUILDING.

In a laboratory room on the first floor of the east end of the building is a bronze tablet inscribed:

LESLEY CEMENT LABORATORY.  
Equipped by  
ROBERT W. LESLEY, Esq.  
Class of '71, College.  
In recognition of the growing needs of  
a great industry.

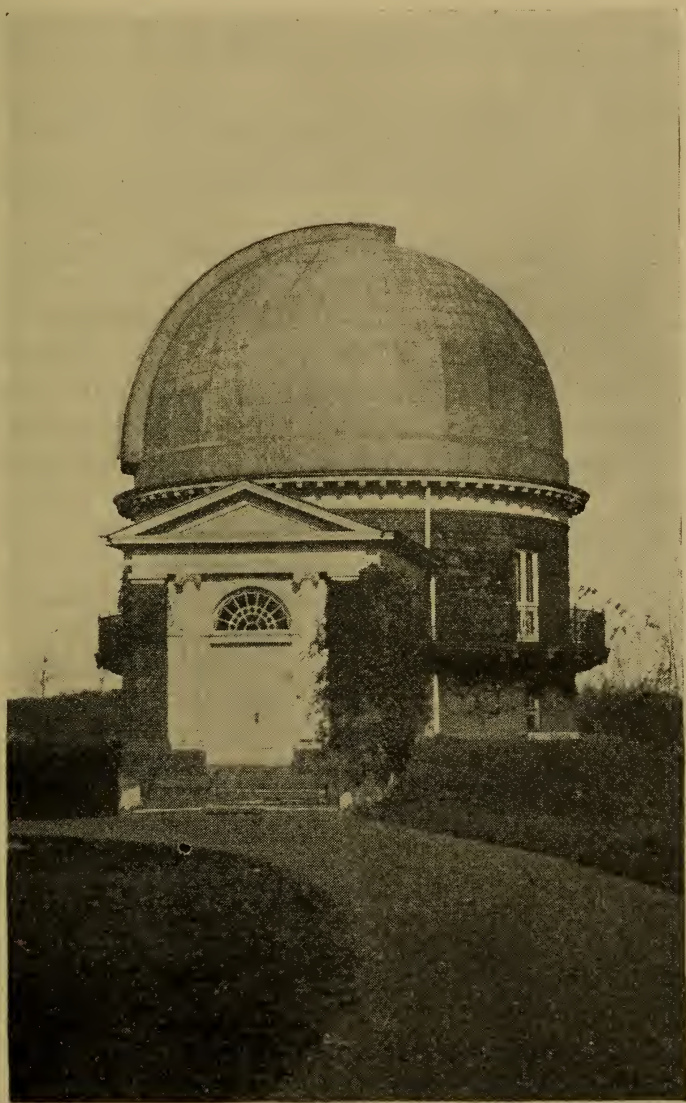
On the walls of its meeting room in the east end of the building the Civil Engineering Society of the U. of P. has erected a bronze tablet inscribed as follows:

In Memoriam  
JOAQUIN ANDRES DE DUENAS  
Born in Havana, Cuba.  
December 6, 1879.  
Died December 19, 1905.  
B.S. in C.E.  
UNIVERSITY OF PENNSYLVANIA  
Class of 1901.  
Erected as a tribute to his sterling character  
and loyal devotion to his Alma Mater  
by  
NICOLAS DE LA COVA.

Directly underneath the Fairman Rogers portrait in the main hall of the Civil Engineering Department is a brass tablet inscribed:

FAIRMAN RODGERS  
1833-1900  
A.B. University of Pennsylvania, 1853  
Organized Department of Civil Engineering  
and its First Professor, 1855  
Trustee of the University, 1871-1879  
Member of American Philosophical Society, 1857  
Member of National Academy, 1863  
Orderly Sergeant of the First City Troop  
in the three month's service, 1861  
Volunteer Engineer aide of the staffs of  
Gen J. F. Reynolds and of Gen. W. F. Smith.





FLOWER ASTRONOMICAL OBSERVATORY.

## OIL PAINTINGS IN ENGINEERING BUILDING.

*J. VAUGHAN MERRICK, Sc.D.* (R. W. Vonnoh), born, 1828; died, 1905. Trustee, 1870-1905. Presented by his family on October 19, 1906.

*FAIRMAN ROGERS* ( ), born 1833, died 1900. Professor Civil Engineering, 1856-1871; Trustee, 1871-1886; benefactor. Presented by Mrs. Fairman Rogers, February 22, 1908.

**THE FLOWER ASTRONOMICAL OBSERVATORY** is situated on the "Flower Farm," on the West Chester Pike, two miles from 63rd and Market streets. The Observatory buildings were designed by Edgar V. Seeler, and constructed in 1895; they are three in number; the equatorial building of brick; the meridian building of wood; and the residence of the director and the Astronomical Library. Among the principal instruments are an Equatorial Telescope of 18 inches aperture, Meridian Circle, Transit Instrument Reflex Zenith, Tube Chronometers, Chronograph, etc. The cost of the building and equipment was over \$50,000. The fund for building and maintenance was provided by the late Reese Wall Flower, of Philadelphia.

The Observatory is open to visitors every Thursday evening throughout the year, except during the vacation, from 7 to 10 P. M.

**WHARTON SCHOOL BUILDING** (contemplated). The Wharton School of Finance and Commerce was founded by Joseph Wharton, who endowed it in 1883. Beginning with the fall of 1904, the school has occupied temporary quarters in Logan Hall. The future home of the school will be in a building to be erected on a lot on Woodland avenue opposite the Wistar Institute, and running through to Locust street. Mr. Wharton's gifts to the school thus far amount to a total of \$530,000. The new building about to be erected will have a frontage of 150 feet on Woodland avenue, and about 250 feet on Locust street, its depth being about 302 feet. The building will also be the gift of Mr. Wharton and will cost, with its equipments, about \$250,000. Cope and Stewardson have prepared the plans; the architecture will be similar to that of the other recently erected buildings.

**ARCHITECTURAL BUILDING** (contemplated). Plans are under way for the construction and equipment of a building for the school of architecture to cost about \$500,000.

The school now occupies a suite of fourteen rooms on the third floor of College Hall, having become one of the largest schools of architecture in the country. Its library, draughting rooms, studios, and other rooms are open to the public.

**MEDICAL DEPARTMENT.**—Founded 1765. First class to receive Medical Degree in America was graduated in 1768. The buildings connected with the department are Medical Hall, Medical Laboratory, Wistar Institute of Anatomy, Laboratory of Hygiene, the new Medical Laboratories, and the Hospital System, in which are included the main building, Agnew Pavilion, Gibson Wing, the Maternity, the Pepper Clinical Laboratory and the Mortuary and Chapel. There are about 600 students and a teaching staff of 160.

**LOGAN HALL.**—East side of 36th street, between Woodland avenue and Spruce street. The building was designed by Professor Thomas Richards and constructed of green serpentine stone in 1874. It is 160 x 89 feet, and houses the Department of Anatomy, including applied Anatomy, Histology and Embryology, and Osteology. In the building are two large amphitheatres and three demonstration rooms. A large part of this building was vacated upon the removal of several of the Departments to the new laboratory building. The parts thus vacated are temporarily occupied by the Wharton School of Finance and Commerce.

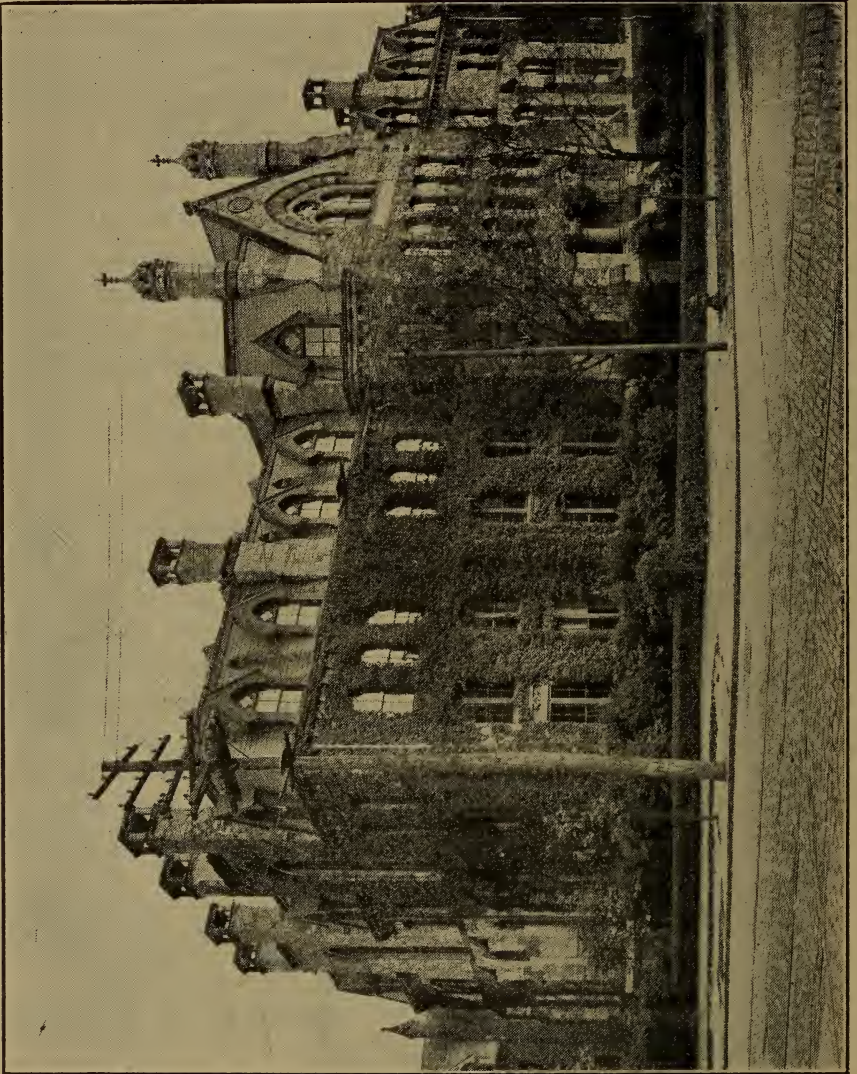
In Logan Hall, in the office, is a Chinese motto, presented to Mr. Joseph Wharton by His Excellency, the Chinese Minister, Sir Chengtung Lian Cheng. Translated, the motto reads:

"The scholar (or student) who consults his ease is not worthy to be called a scholar (or student)."

**ROBERT HARE LABORATORY OF CHEMISTRY.**—Northeast corner of 36th and Spruce streets. Built 1874, of green serpentine stone, 148 x 46 feet; architect, Professor Thomas Richards. The first three floors are occupied by the Chemical Laboratories of the Department of Medicine. On the fourth



floor is the dissecting room, on the south wall of which is a brass tablet inscribed as follows:



In Memoriam  
**CHARLES THOMAS HUNTER**  
 A distinguished son  
 and faithful servant  
 of this University  
 Demonstrator of Anatomy  
 Died in the service of his University  
 Born January 13, 1843  
 Died April 27, 1884.



**NEW LABORATORY BUILDING OF THE MEDICAL DEPARTMENT**, dedicated June 10, 1904. This is one of the most imposing buildings of the University. It faces the south



ROBERT HARE LABORATORY OF CHEMISTRY.

side of Hamilton Walk, west of 36th street, occupying the site where stood the old buildings of the Veterinary Department and Hospitals. The structure is fireproof throughout, the exterior

being of hard burnt brick and buff Indiana limestone, and the interior finished in white Italian marble. The building has a frontage of 337 feet along Hamilton Walk, and a depth of 192 feet; it is two stories above a high basement, and cost almost \$700,000. It is quadrangular in shape and constructed around a courtyard so as to give all the large laboratories and research rooms a north light. The building is one of the largest and best equipped of its kind in America. The architecture is in the English Collegiate style of the Middle Seventeenth Century, and is in harmony with that of the dormitories and other recently erected buildings designed by Cope and Stewardson.

Adjacent to the main entrance are the administration offices of the Medical Department.

There are two large amphitheatres in the rear of the building with a seating capacity of 400 each, and two large demonstration rooms, seating 185 each. The Departments of Physiology and Pharmacodynamics occupy the first floor and basement, while the second floor is devoted exclusively to pathology with temporary accommodations for a number of professors of other departments, until the completion of future building operations looking towards the transfer of the entire medical school to buildings adjacent to this one. Among the principal rooms are those devoted to physical diagnosis, bandaging, research, and sub-section teaching in physiology in the basement. On the first floor are numerous rooms equipped for aseptic operations on lower animals; numerous small rooms for research work, professors and assistants; rooms for sub-section teaching, in digestion, circulation, respiration, calorimetry, nerve, muscle, special senses, etc.; and photographic dark room, repair, and storage rooms, etc. On this floor are three large laboratories for physiology, practical pharmacodynamics and practical pharmacy, respectively; a museum, a library, and rooms for assistants and research. The chief purpose of the second floor is for laboratory instruction in pathology. Most of the north front of the building is devoted to laboratories for advanced students in experimental pathology and pathological bacteriology and the special research and assistants' rooms. The east wing accommodates the laboratory of advanced pathological histology and a seminar and journal room; the west wing is occupied by the pathological museum, the Gross morbid





MEDICAL LABORATORY BUILDING.

anatomy demonstration room, a room for museum preparation, photographic rooms, and rooms for animal operations. The front of the laboratory of pathological histology consists almost entirely of glass and is located so as to face a spacious court to the north, thus insuring excellent and uniform light and admirably adapting it for microscopic work carried on by a large class. In a similar section of the building, east of the central hall, with similar front arrangements to insure light for microscopic work, are located two small laboratories for the teaching of surgical pathology, neuro-pathology and clinical pathological technology; the private rooms for the instructors of these branches open upon these larger laboratories.

## OIL PAINTINGS IN MEDICAL LABORATORY.

(Name of artist is in parentheses immediately after the subject.)

*DAVID HAYES AGNEW, M.D., LL.D.* (Thomas Eakins), Demonstrator of Anatomy and Assistant Lecturer on Clinical Surgery, 1863-1870; Professor of Surgery, 1870-1889; Professor Emeritus, 1889; at the close of a clinic in the amphitheatre of Medical Hall. Presented at the 115th annual Commencement of the Department of Medicine of the University of Pennsylvania, May 1, 1899, by the (then) three undergraduate classes of the Medical Department.

[The painting exhibits in the foreground a life-size portrait of Dr. Agnew leaning against the rail of the clinic seats, lecturing to a class of Medical students upon an operation which he has just performed. The canvas is 11 x 7 feet, and upon the frame appears the following inscription: "D. Hayes Agnew, M.D. Chirurgus expertissimus; scriptor et doctor clarissimus; vir veneratus et carissimus.\* All of the subordinate figures in the group are about life size, and are actual likenesses, the names of those depicted being as follows:

Dr. J. William White, Dr. Joseph Leidy, Jr., Dr. Elwood C. Kirby, Dr. Fred H. Millikin, Thomas Eakins (the artist, as painted by his wife), Miss Clymer (a nurse), J. Alison Scott, Charles N. Davis, John T. Carpenter, Jr., John Bacon, Benjamin Brooke, J. Howe Adams, William C. Posey, Henry Toulmin, John Rothermel, John S. Kulp, Alfred Stengel, Clarence A.



Butler, Joseph S. Tunis, Frank R. Keefer, Nathan M. Baker, George Woodward, Arthur H. Cleveland, Herbert B. Carpenter, George D. Cross, William H. Furness, Jr., Walter R. Lincoln, Howard S. Anders, Oscar M. Richards, Minford Levis. One individual only (in the extreme upper left-hand corner) is unidentified.]

*HARRISON ALLEN* (James L. Wood), Professor in Medical Department, 1865-1896. Presented by his friends and former students.

*JOHN ARCHER* (Copy by Thomas C. Corner from original). A graduate of the first class in Medicine.

*JOHN ASHHURST, JR.* (James L. Wood, from a photograph), Professor of Clinical Surgery, 1877-1900; Professor of Surgery, 1889-1900. Presented by the Class of 1901 Medical.

*BENJAMIN SMITH BARTON* (Unknown), Professor of Natural History and Botany, 1789-1796; Professor of Materia Medica, 1796-1813; Professor of the Practice of Medicine, 1813-1815.

*JOSEPH CARSON* (Unknown), Professor of Materia Medica and Pharmacy, 1850-1875.

*NATHANIEL CHAPMAN* (John Neagle), Lecturer on Obstetrics, 1810-1813; Professor of Materia Medica, 1813-1816; Professor of the Theory and Practice of Medicine, of Institutes and Clinical Medicine, 1816-1850.

*JOHN REDMAN COXE* (Louise Wood), 1773-1864; Trustee 1806-1809; Professor of Chemistry in Medical Department 1809; Professor of Materia Medica 1819-1835. Presented by his grandson, J. Redman Coxe, October 20, 1905.

*WILLIAM POTTS DEWEES* (Sully), Adjunct Professor of Obstetrics, 1825-1834; Professor of Midwifery, 1834-1835.

*WILLIAM GIBSON* (John Neagle), Professor of Surgery, 1819-1855.

*JAMES GLENN, M.D.*, 1807 Med. (unknown), born 1773, died 1815. Presented by his granddaughter, Frances Glenn Scott.

*WILLIAM GOODELL* (R. W. Vonnoh), Professor of Gynecology, 1873-1894.

*SAMUEL POWEL GRIFFITH* (by Ludwig E. Faber, from a pencil sketch). Professor of Materia Medica, 1792-1796. Founder of Philadelphia Dispensary. Presented by the artist.

*JOHN GUITERAS* (Armando Menocal), Lecturer on Symptomatology 1876. Professor of Pathology 1889-1898.

*ROBERT HARE* (Unknown), Professor of Chemistry, 1818-1847.

*HUGH LENOX HODGE* (S. B. Waugh), Professor of Obstetrics, 1835-1863; Professor Emeritus, 1863.

*JAMES HUTCHINSON* (Unknown), Professor of Chemistry and Materia Medica, 1789-1793.

*SAMUEL JACKSON* (S. B. Waugh), Assistant to the Professor of the Theory and Practice, and Institutes, of Medicine, 1827-1835; Professor of the Institutes of Medicine, 1835-1863; Professor Emeritus, 1863.

*THOMAS CHALKLEY JAMES* (Unknown), Professor of Midwifery, 1810-1834.

*JOHN MORGAN* (Angelica Kauffman), Professor of the Theory and Practice of Physic, 1765-1789.

*JOHN NEILL* (S. B. Waugh), Professor of Clinical Surgery, 1876-1878.

*GEORGE WASHINGTON NORRIS* ( ), born 1808, died 1875. A.B., U. of P., 1827; M.D., 1830. Professor of Clinical Surgery, 1848-1857; Trustee, 1856-1875.

*WILLIAM FISHER NORRIS* (M. H. Kevorkian), Clinical Professor of Diseases of the Eye, 1873-1891; Professor of Ophthalmology, 1891-1902. Presented by his family.

*WILLIAM OSLER, LL.D.* (W. M. Chase), 1849- ; Professor of Clinical Medicine at U. of P., 1884-1889; Regius Professor of Medicine at Oxford, England, 1905- . Presented to the University in 1905 by the men who studied under him during 1884-1889.

*FREDERICK ADOLPHUS PACKARD* (J. B. Sword), Instructor in Physical Diagnosis, 1889-1897; Instructor in Clinical Medicine, 1897-1899; Lecturer in Therapeutics and Trustee of the University, 1901-1902. Presented by the Class of 1903 Medical, at Commencement, June, 1903.

*CHARLES BINGHAM PENROSE* (Julian Story), Professor of Gynecology, 1893-1899. Presented by his pupils and medical friends.

*RICHARD ALEXANDER FULLERTON PENROSE* (B. Uhle), Professor of Obstetrics, 1863-1888.

*WILLIAM PEPPER, SR.* (Unknown), Professor of the Theory and Practice of Medicine, 1860-1864.

*WILLIAM PEPPER* (copy by Perry of an original from life by Vonnoh), Professor of Clinical Medicine, 1873-1884; Professor of the Theory and Practice of Medicine, 1884-1898; Provost, 1881-1894. Presented by his son, William Pepper.

*PHILIP SYNG PHYSICK* (Sully). Injured in fire May 3, 1885; restored and retouched by Mrs. Thomas P. Eakins in 1889).

*PHILIP SYNG PHYSICK* (Copy of original painting by Sully, which was partially destroyed by fire May 3, 1885; this copy was made by Mrs. Thomas P. Eakins in 1889).

*DR. JOHN BAPTISTE CLEMENT ROUSSEAU* (Unknown); born 1760; died March 13, 1839.

*ROBERT EMPIE ROGERS* (L. B. Faber), born 1813, died 1884; M.D., U. of P., 1836. Professor of Chemistry, 1852-1877; Dean of Medical Faculty, 1856-1877. Presented by the Class of 1908.

*BENJAMIN RUSH* (John Neagle), Professor of Chemistry, 1769-1789; Professor of the Theory and Practice of Medicine, 1789-1791; Professor of the Institutes of Medicine and Clinical Medicine, 1791-1813.

*WILLIAM SHIPPEN* (Sully), Professor of Anatomy and Surgery, 1765-1805.

*FRANCIS GURNEY SMITH* (C. V. Brown), Professor of the Institutes of Medicine, 1863-1877.

*HENRY HOLLINGSWORTH SMITH* (S. B. Waugh), Professor of Surgery, 1855-1871.

*ALFRED STILLÉ* (S. B. Waugh), Professor of the Theory and Practice of Medicine, and of Clinical Medicine, 1864-1884.

*CASPAR WISTAR* (second copy of original portrait in possession of Mrs. Mifflin Wistar), Professor of Chemistry and of the Institutes of Physic, 1789-1791; Adjunct Professor of Anatomy, etc., 1791-1808; Professor of Anatomy, 1808-1818.

*HORATIO C. WOOD, LL.D.* (James L. Wood), Professor of Botany (Auxiliary Faculty of Medicine), 1866-1875; Clinical Professor of Nervous Diseases, 1875-1901; Professor Materia

Medica, Pharmacy and General Therapeutics, 1876 to date. Loaned by the Wood Medical Society.

*GEORGE BACON WOOD, LL.D.* (S. B. Waugh), Professor of Materia Medica and Pharmacy, 1835-1850; Professor of the Theory and Practice of Medicine and Clinical Medicine, 1850-1860; Professor Emeritus, 1860; Trustee of the University, 1863-1879.

*JAMES WOODHOUSE* (Unknown: supposed copy of original by Rembrandt Peale, in the possession of the Woodhouse family); Professor of Chemistry, 1795-1809.

*THEODORE GEORGE WORMLEY* (R. W. Vonnoh), Professor of Chemistry and Toxicology, 1877-1897.

## MEMORIALS IN MEDICAL LABORATORY.

In the new Medical Laboratory the following mural tablets have been erected in the various laboratories of Physiology, Pharmacology and Pathology:

To  
S. WEIR MITCHELL, M.D., LL.D.,  
PHYSICIAN, AUTHOR, FRIEND,  
this  
Laboratory of Physiology  
is dedicated by his kinsfolk  
ELLEN W. AND CHARLES C. HARRISON  
A. D. 1904

---

To  
HORATIO C. WOOD, M.D., LL.D.  
in recognition of the fruitful labours  
of a lifetime this  
Laboratory of Pharmacology  
is dedicated by  
THE TRUSTEES OF THE UNIVERSITY  
A. D. 1904

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In  
Loving memory of  
JAMES McMANES  
and in the hope that hereby suffering  
may be lessened, and life prolonged, this  
Laboratory of Pathology  
has been erected by  
MRS. JAMES McMANES  
A. D. 1904



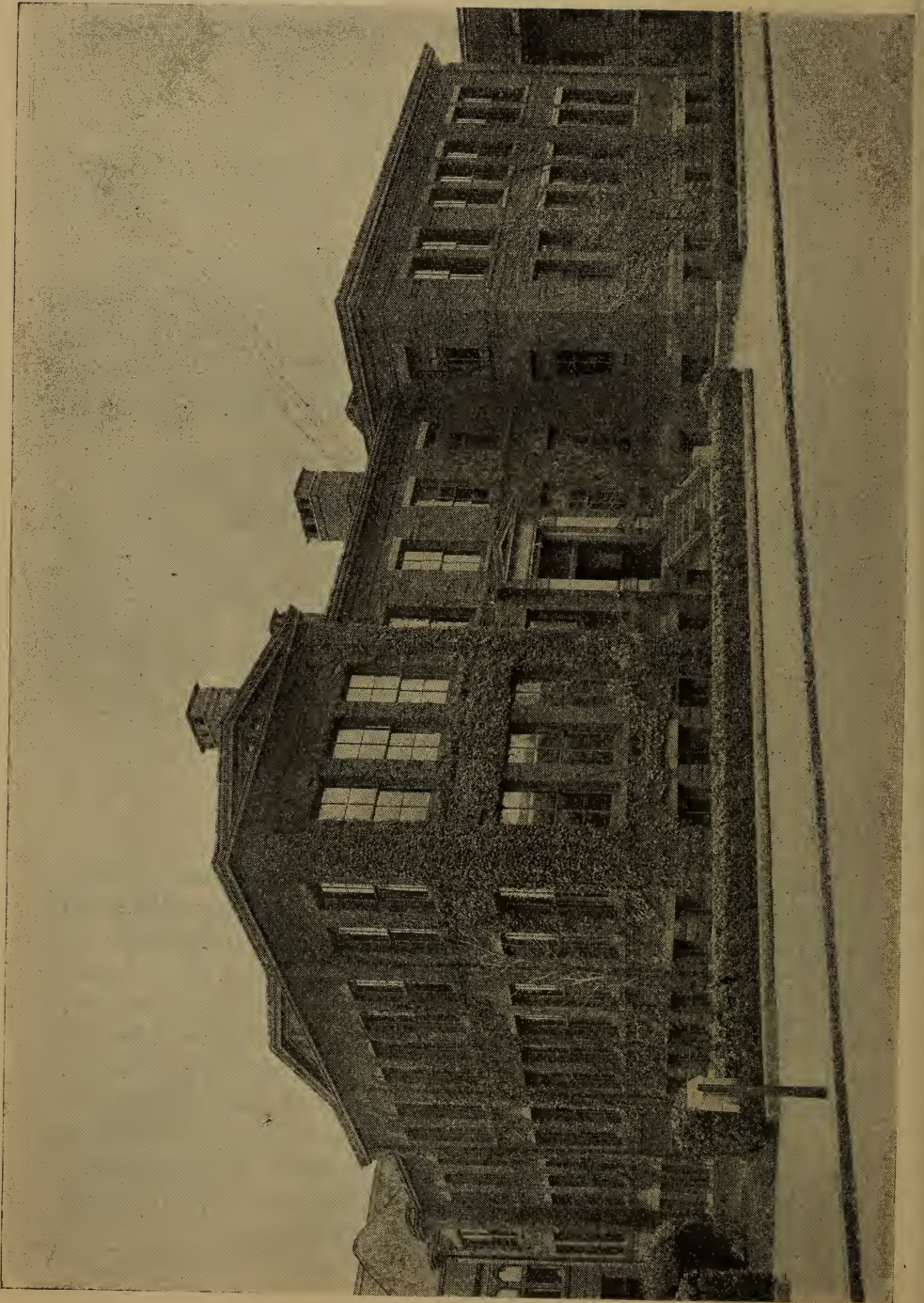
In the corridor near the main entrance are two brass memorial tablets inscribed:

ERECTED TO THE MEMORY  
of the  
MEDICAL CLASS OF 1768  
JOHN ARCHER, MD.  
DAVID COWELL, PA.  
SAMUEL DUFFIELD, PA.  
JONATHAN ELMER, N. J.  
HUMPHREY FULLERTON, PA.  
DAVID JACKSON, PA.  
JOHN LAWRENCE, N. J.  
JONATHAN POTTS, PA.  
JAMES TILTON, DEL.  
NICHOLAS WAY, DEL.  
The first class to receive a degree  
in Medicine in America  
entered the College of Philadelphia, now the  
UNIVERSITY OF PENNSYLVANIA  
November, 1765  
Graduated with the degree of Bachelor of  
Medicine  
June 21, 1768  
Erected by the Medical Class of 1900  
June 13, 1900

---

Erected to the memory  
of  
JOHN MORGAN, M.D., Edin.  
WILLIAM SHIPPEN, JR., M.D., Edin.  
The first Faculty of this  
the first Medical School in North America  
1765.  
Erected by the Medical Class of 1907  
June 19, 1907.

**LABORATORY OF HYGIENE.**—34th and Locust streets; dedicated February 22, 1892; new wing added in 1899; also small detached animal house. The main building has a frontage on 34th street of 121 feet, and a depth, with the wing, of 112 feet. Material, red brick and brownstone trimming, laid in red mortar. Architects, Collins and Autenreith. On the main floor is a lecture hall and amphitheatre for classes in practical hygiene, a museum, a drafting room, etc.; second floor, class-rooms for special graduate and undergraduate students in bacteriology; bacteriological laboratory, director's rooms, photographic room, and the department library of 850 volumes. The building is the gift of Henry C. Lea; and equipment of the late Henry C. Gibson.



LABORATORY OF HYGIENE



**THE UNIVERSITY HOSPITAL SYSTEM.**—Founded 1874, consists of six buildings, all located in the two city squares bounded by 34th, 36th, Spruce and Pine streets. In these buildings are six amphitheatres, and fourteen wards with a total of 350 beds. The medical staff of the Hospital consists of more than 100 physicians and 86 nurses. In the basement of the central buildings are surgical and medical dispensaries and dispensaries for special diseases.

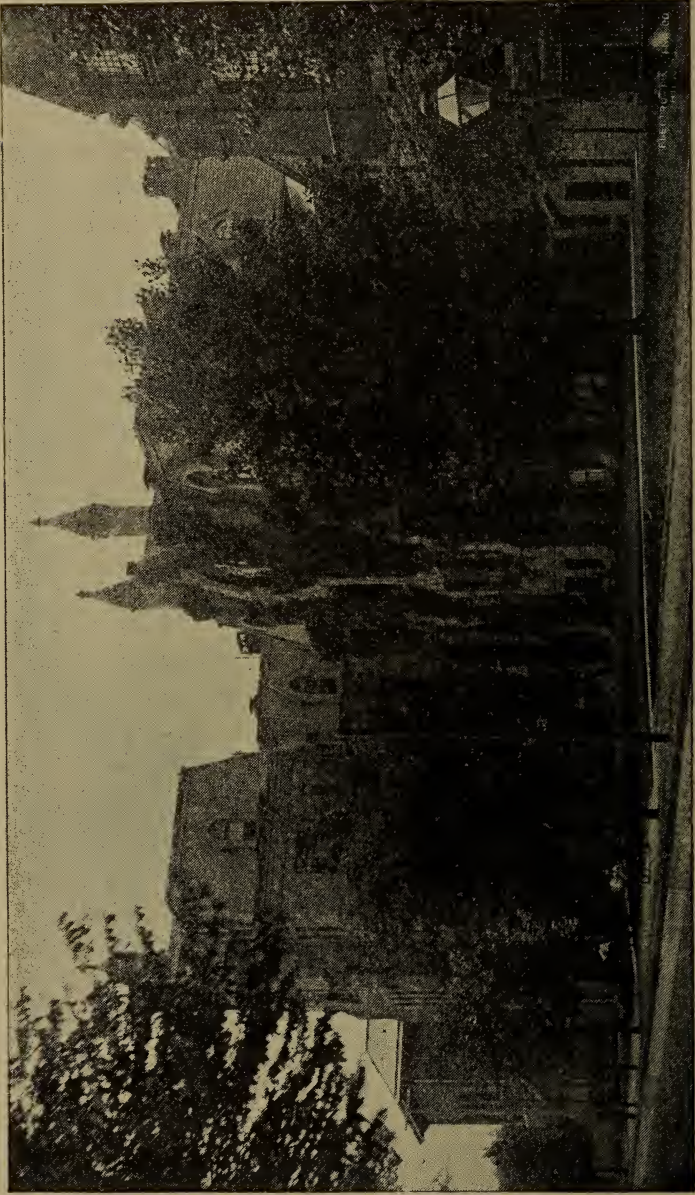
Extensions have been recently made to each of the main Hospital buildings in the rear, so that each floor of every building is now provided with a spacious sun parlor.

Extensive improvements are also being made to the Hospital buildings along Spruce street between 34th and 36th streets. The front walls of these are being brought out to the Spruce street building line, which improvements, when completed, will give the hospital a total capacity of more than 400 beds.

**THE MAIN HOSPITAL BUILDING.**—Constructed of serpentine (green) stone, dedicated June 4, 1874; size 171 x 185 feet; cost, \$552,000. Architect, Professor Thomas Richards. The gift of the State and City and benevolent citizens, secured principally through the efforts of the late Provost William Pepper.

**THE D. HAYES AGNEW MEMORIAL PAVILION.**—Erected in 1897; size 151 x 85 feet; material, red brick; cost, \$75,000. Architects, Cope and Stewardson. The building was named in honor of the great American surgeon who had such a long and important career at the University. The building contains four wards and three amphitheatres for clinical instruction. Its architectural treatment was inspired by the brick and terra cotta architecture of Northern Italy.

**THE WILLIAM PEPPER LABORATORY OF CLINICAL MEDICINE.**—Erected 1894; size 45 x 45 feet; material, red brick; cost, \$50,000. Architects, Cope and Stewardson. Erected through the generosity of the late Provost William Pepper as a memorial to his father. The laboratory is entirely for graduate work, for the purpose of promoting the interest of patients by



MAIN ENTRANCE TO THE HOSPITALS.



providing facilities for the prosecution of minute studies and original researches.

## OIL PORTRAITS AND STATUARY IN PEPPER LABORATORY.

*WILLIAM PEPPER, SR.* (Copy by Meynen from an original portrait in the possession of the Pepper family), Professor of Theory and Practice of Medicine, 1860-1864. Presented by William Pepper, 3d.



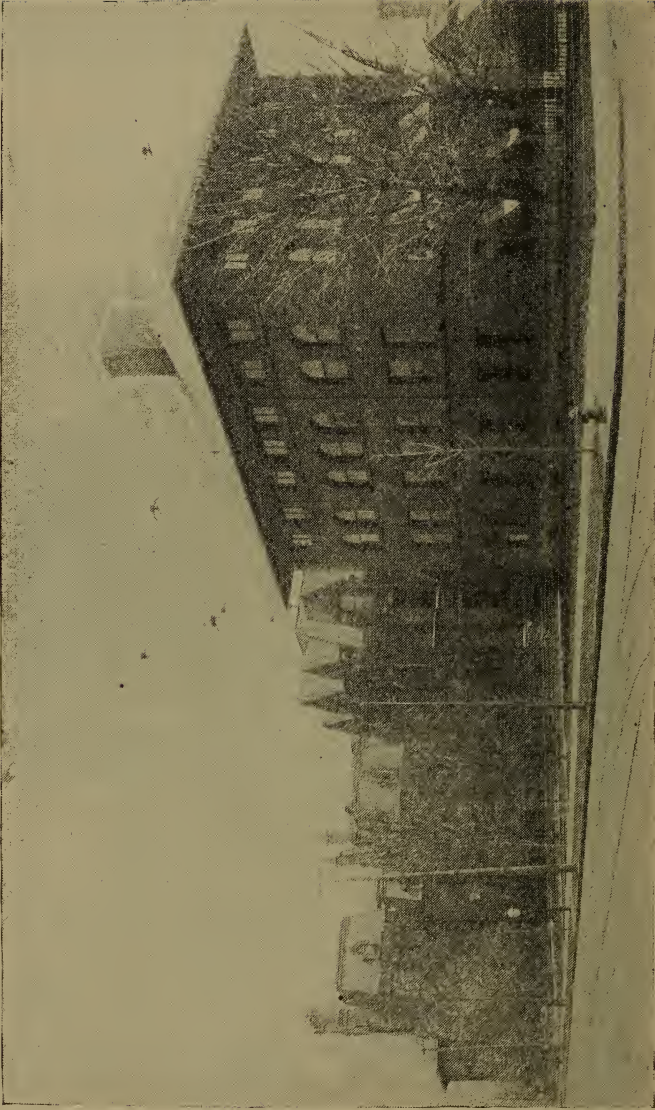
AGNEW PAVILION.

*LINACRE*, 1460-1524; *SYDENHAM*, 1624-1689; *HARVEY*, 1578-1657. (Copy from the original in London.) Presented to the University by Dr. William Osler.

*WILLIAM PEPPER, JR.*—Marble bust on pedestal; inscribed:

WILLIAM PEPPER  
Provost of the University of Pennsylvania.

**GIBSON WING FOR CHRONIC DISEASES.**—Erected in 1883, size 45 x 183 feet; material, red brick; cost, \$85,000. Architects, Wilson Brothers. Named in honor of the late Henry C. Gibson, as a tribute to his numerous benefactions to the Univer-



PEPPER CLINICAL LABORATORY AND HOSPITAL ROW.

sity. The pavilion was originally erected for the treatment of heart and lung diseases. It now contains the Children's Medical Ward of twenty beds; the Ward for Chronic Surgical Cases of twenty beds; the students' Medical Ward of ten beds, and a number of private rooms.

**THE MATERNITY PAVILION**, located in rear of the Pepper Laboratory; erected in 1901; size 107 x 80 feet; material, red brick. Architects, Cope and Stewardson. Can accommodate 50 patients and has an amphitheatre seating 200. In the basement is a system by which all heated air supplied to the nurseries and wards is purified and filtered.

In 1906 a new wing, 38 x 41 feet, was added to the Maternity, the gift of Mrs. Benjamin F. Clyde. It was designed by Brockie & Hastings, and conforms to the original building, which is a simple form of Italian brick work of the Renaissance period. In the sun parlor on the second floor is a memorial window, inscribed: "To the Glory of God.—Dedicated October 11, 1906."

**THE MORTUARY AND CHAPEL**, small buildings in the rear of the Main Pavilion, erected in 1890, at a cost of \$11,000.

**X-RAY LABORATORY**.—This laboratory has been erected in the rear of the Agnew pavilion. It is one of the most important parts of the University Hospital System; and with other improvements, involved an expenditure of sixty thousand dollars, \$25,000 of which was appropriated by the Pennsylvania State Legislature towards the laboratory.

**BUILDING FOR CONTAGIOUS DISEASES**.—No cases of contagious diseases are taken into the University Hospital, this building having been constructed merely for the purpose of isolating the few cases of contagious diseases which develop among the patients in the general hospital. The building was designed by Brockie and Hastings, and is located in the rear part of the hospital yard, along the north side of Hamilton Walk, near 36th street. The architecture is Renaissance, and in keeping with the other University Hospital buildings. The building is 60 x 34, two stories above a high basement, and cost about \$25,000. It is



absolutely sanitary, the outer walls being double, with a wide space between the two, which avoids all dampness. The floors are of reinforced concrete, with a finished flooring of a patent



ISOLATION BUILDING OF THE UNIVERSITY HOSPITAL.

material, without joints. This material is turned up around all walls and forms a baseboard and floor throughout the entire building, without a single joint or crevice. There is a complete system of heating and forced ventilation.



There are two stories and a basement. In the latter are contained all the heating and mechanical equipment, pipes, etc. On the first floor there is an open porch running through the building from one side to the other. From this porch opens the stairway, connecting the two floors; also opening from this porch is a general storeroom for linen, bedding, stretcher supplies, etc. These four rooms, two on each floor, are placed at the sides of the stairway and entirely cut off from the other part of the building, the open porch coming between the two portions.

On the west side of the porch are the rooms for the patients. All rooms open into a main corridor. The food is delivered from the open porch on the first floor through a special window into the first story diet kitchen, and by means of a dumb-waiter to the second story diet kitchen.

**THE LAUNDRY BUILDING.**—The laundry building is 72 x 34 feet, and cost about \$16,000. It was also designed by Brockie and Hastings. On the first floor is a large disinfecting plant for bedding and linen, which is isolated from the rest of the first floor, in which all the washing is done, as well as the finishing of large pieces.

The second floor is equipped with large drying rooms, ironing machines, and tables for hand work. This floor also contains the office of the head laundress, and a large room with shelves and divisions, into which the work of each nurse, resident, or private patient, is put. The plant is operated by electricity, and is now the most complete laundry for hospital work in the city. The lighting, heating, and ventilating apparatus is also operated by electricity.

**HOME FOR NURSES**, located at 34th and Spruce streets; erected in 1886; architect, Amos J. Boyden. This building was erected in memory of Mrs. Richard D. Wood by her children. Including the students in the training school, there are at present one hundred nurses connected with the hospital.

### **OIL PAINTINGS IN UNIVERSITY HOSPITAL.**

**HENRY C. GIBSON** (Gutekunst), benefactor, donor of the Gibson Wing for Chronic Diseases.

**PETER HAHN** (Unknown), merchant, benefactor, donor of the Peter Hahn Medical Ward, Main Hospital Building.

## MEMORIALS IN HOSPITAL.

In the main corridor are the following mural tablets:

In Memory  
of  
THOMAS DRAKE  
by  
his daughter  
CHARLOTTE

In Memory  
of  
CHARLES F. BLANDNER  
by  
his sister  
HELENA F. BLANDNER.

---

In Memory  
of  
FRANCIS WALKER MURPHY  
by  
his sister  
HELEN L. MURPHY

In Memory  
of  
JOHN BELL, M.D.  
by  
his friend  
WILLIAM W. FRAZIER

In Memory  
of  
DR. ALBERT H. SMITH  
by  
his friend  
ALFRED C. HARRISON

Black marble tablets inscribed:

THIS HOSPITAL  
was erected  
through the liberality  
of the  
STATE OF PENNSYLVANIA  
and  
CITY OF PHILADELPHIA  
and  
MANY CITIZENS

INAUGURATED  
June 4th, 1874  
by his  
Excellency  
JOHN F. HARTRANFT  
GOVERNOR OF  
PENNSYLVANIA

THIS TABLET  
IS ERECTED TO COMMEMORATE THE CHARITY  
OF THOSE WHO HAVE ENDOWED BEDS  
IN THIS HOSPITAL

THE LIGONIER FREE BEDS  
endowed by  
WILLIAM D. MCGOWAN, M.D.

ANDREW C. BUTLER  
ELIZA W. S. P. FIELDS

Brass tablets inscribed:

TO THE MEMORY  
of  
DR. WILLIAM WEIGHTMAN

A room for sick or injured  
Journalists  
is endowed in this hospital  
in memory of  
JOSEPH EDWARD SINOTT  
by his father  
JOSEPH F. SINNOTT  
1908

## Black marble tablet inscribed:

THIS TABLET IS ERECTED  
TO COMMEMORATE THE CHARITY  
OF THOSE BENEFACTORS  
WHO HAVE ENDOWED BEDS  
IN THIS HOSPITAL

GEORGE BAILEY, M.D.

WILLIAM B. BEMENT

CLEMENT BIDDLE

ADOLPH E. BORIE

CAMBRIA IRON CO.

CLARENCE H. CLARK

J. GILLINGHAM FELL

JESSE GEORGE

HENRY C. GIBSON

JOSEPH HARRISON, JR.

HARRISON, HAVEMEYER & Co.

HENRY C. LEA

J. B. LIPPINCOTT & Co.

MUTUAL ASSURANCE CO.

JOHN B. MCCREARY

H. PRATT MCKEAN

MRS. GEORGE W. NORRIS

PENNA. R. R. CO.

PHILA. CONTRIBUTIONSHIP

PHILA. & READING R. R. Co.

PHILA., WILM. & BALTO. R. R.

WILLIAM PEPPER, M.D.

JAMES A. PEABODY

MRS. JOHN F. SMITH

JOHN EDGAR THOMSON

JOHN H. TOWNE

ASA WHITNEY & SONS

WILLIAM WIGHTMAN

SAMUEL S. WHITE

MRS. W. P. WILSTACH

GEORGE B. WOOD, M.D.

RICHARD WOOD

## Brass tablets, inscribed as follows:

In the name of my wife  
MARY ADELAIDE POTTS  
and her mother  
LOUISA M. SOMMER  
this bed is dedicated to the use of  
sick and suffering women by  
HOWARD N. POTTS.

In memory of  
JOHN JOSEPH ALTER  
A FREE BED IS ENDOWED  
in this hospital  
January, 1907.

In memory of  
LOUISE ALTER  
A FREE BED IS ENDOWED  
in this hospital  
by  
JOHN JOSEPH ALTER  
January, 1907.

This tablet  
is erected as a memorial to  
MARY CHEVES DULLES  
for the endowment of  
two free beds in this hospital  
A. D. 1907

In Memory of  
CLARENCE HOWARD ROBERTS  
and  
HELEN PAULINE ROBERTS  
a free bed is endowed by  
their aunt  
CLARA ROBERTS CALLI  
1892

A free bed  
in loving memory of  
RICHARD HECKSCHER  
by his widow and children  
1901

A free bed  
in loving memory of  
LUCRETIA LEDYARD STEVENS  
wife of  
RICHARD HECKSCHER  
by her children  
1907

In loving memory  
of  
GEORGE de BENNEVILLE KEIM  
a free bed in this hospital  
is endowed by his daughter  
SUSAN D. KEIM SAVAGE  
December 18th, 1906

In Memory of  
THOMAS HARRISON  
A FREE BED  
IS ENDOWED IN THIS HOSPITAL  
BY HIS SON  
GEORGE L. HARRISON

In Memory of  
HAMILTON DISSTON  
A FREE BED IS ENDOWED  
in this hospital by his daughter  
MARY HOWARD ROBERTS

In Memory of  
GEORGE W. VOGEL  
TWO FREE BEDS ARE ENDOWED  
in this hospital by  
MRS. LYDIA S. JOHNSON

In Memory of  
EMILY M. HARRISON  
A FREE BED IS ENDOWED  
by her husband  
GEORGE L. HARRISON  
1902

In Memory of  
MARY KAY  
A FREE BED IS ENDOWED  
by her brother  
JAMES ALFRED KAY  
1902

In Memory of  
SINCLAIR TOUSEY  
A FREE BED IS ENDOWED  
in this hospital  
by his son  
BENJAMIN TOUSEY  
Christmas, 1904

In Memory of  
PERCIVAL ROBERTS  
A FREE BED IS ENDOWED  
in this hospital  
by  
MARY HOWARD  
wife of  
PETER WILLIAMSON ROBERTS

In Memory of  
EDWARD ROBERTS, JR.  
A FREE BED IS ENDOWED  
by his loving sister  
ADELAIDE ROBERTS SHAW  
1902

In Memory of  
EDWARD ROBERTS  
and  
MARY L. ROBERTS  
A FREE BED  
IS ENDOWED IN THIS HOSPITAL  
by their daughter  
MARY W. ESKENS  
1891

Endowed by  
ELIZABETH WILT BAKER  
in memory of her  
brother and sister  
ABRAHAM BAKER MARY BAKER

In Memory of  
ALFRED GUSTAVUS BAKER  
A FREE BED IS ENDOWED IN THIS  
HOSPITAL BY HIS SON  
GEORGE FALES BAKER, M.D.



## Black marble tablet:

A list of Memorial Beds  
which have been endowed  
in this hospital

The ROSALIE BENSON Bed  
Endowed by EDWIN M. BENSON

The EDWARD WALN HARRISON BED  
Endowed by CHARLES C. HARRISON

The GEORGE ROBERT INGERSOLL Bed  
Endowed by HARRY INGERSOLL

The DR. GEORGE PEPPER Bed  
Endowed by WILLIAM PEPPER, M.D.

The HARRIET PORTER Bed  
Endowed by MISS HARRIET PORTER  
and MRS. MARGARET E. PORTER DAVIS

The S. MARIA D. WILLARD Bed  
Endowed by MRS. ELIZABETH PORTER WILLARD

The ABBY WILLING PETERS Bed  
The JOHN WHITE FIELD Bed  
Endowed by ELIZA W. S. P. FIELD

The MARY B. K. WAINWRIGHT Bed  
Endowed by JOSEPH R. WAINWRIGHT

## Brass tablets:

In Memory of  
SABIN WOOLWORTH COLTON, 3RD  
a child's bed is endowed  
by his loving parents  
1905

To the Memory of  
HIRAM BROOKE

In Memory of  
CHARLES ELDRIDGE  
and  
JANE MORGAN  
a free bed in the Children's Medical Ward has been endowed by  
ANNA SHAPLEIGH MORGAN

In Memory of  
MARSHALL SPRING  
and  
ELIZABETH MARSHALL SHAPLEIGH  
A free bed has been endowed by the daughter of  
ANNA SHAPLEIGH MORGAN

To the Memory of  
RICHARD AND WILLIAM LEWIS WISTAR  
this bed has been endowed  
by their friend  
WILLIAM GORMAN

In Loving Memory  
of  
RICHARD HORNER WYETH  
A FREE BED  
IS ENDOWED IN THIS HOSPITAL BY HIS PARENTS  
FRANCIS HOUSTON WYETH  
HENRIETTA HORNER WYETH

A bed in this ward is endowed  
in memory of  
HARRIET CATHARINE NEWBOLD  
November 3d, 1899 (I.H.S.) March 27th, 1892.

To the Memory of  
C. HENRY POWERS

In Memoriam  
EDWARD RHOADS, M.D.  
University of Pennsylvania 1863  
September 29, 1841—January 15, 1871  
A CHILD'S BED IS ENDOWED  
by his loving friends.

In Memory of  
MAXWELL SOMMERVILLE  
a room is endowed  
in this hospital

In the Children's Ward, in the corridors, are the following  
tablets:

Brass tablet inscribed:

Furnished by  
THE LOUIS KIMMELL GUILD  
in memory of  
DR. LOUIS J. C. KIMMELL

Large marble tablet:

CHILDREN'S ORTHOPAEDIC WARD  
Erected 1885  
in memory of  
D. HAYES AGNEW, M.D., LL.D.  
by his wife  
MARGARET CREIGHTON AGNEW

#### BEDS ENDOWED IN PERPETUITY.

<i>Founded.</i>	<i>Donor</i>	<i>Beds.</i>	<i>In name of</i>
	Legacy \$50,000 .....		D. Hayes Agnew, M.D.
1890	Mrs. Mary I. Porter Davis, Miss Harriet Porter .....	1	Miss Harriet Porter.
1890	Dr. and Mrs. DeForest Willard, Mr. George Burnham, Jr. ....	1	Mrs. S. Maria D. Willard.
1897	Mr. John H. Converse .....	1	Burnham, Williams & Co.
	Dr. E. H. Williams .....		
1897	Mr. William Lyman .....	1	AVA.
1904	Mrs. Samuel Dickson .....	3	Ersline Hazard Dickson.

#### *Special Endowments.*

1898	Miss Elizabeth C. Roberts....	\$3000	A. Sydney Roberts (Apparatus
1898	Miss Frances A. Roberts....	3000	Fund).

## BEDS ENDOWED ANNUALLY.

<i>Founded.</i>	<i>Donor</i>	<i>Beds.</i>	<i>In name of</i>
1891	Mrs. H. H. Collins.....	1	Mr. S. Conrad.
1891	Saturday Club of New Jersey, per Mrs. W. H. Conrad.....	1	
1891	Mrs. Samuel Dickson.....	1	Mrs. Mary Hazard.
1891	Mrs. J. W. Townsend.....	1	Miss Katharine A. Sharpe.
1891	Mrs. W. W. Porter.....	1	
1891	Mrs. J. K. Freedley.....	1	John K. Freedley.
1891	Mrs. T. K. Conrad.....	1	Rev. Thomas K. Conrad, D.D.
1891	Mrs. William G. Freedley.....	1	Mrs. S. Conrad.
1892	Mr. and Mrs. J. S. Austin.....	1	Mildred Austin.
1897	Mrs. Anna L. Reed.....	1	
1898	Mrs. Mary Powers Harris.....	1	Mrs. Anna M. Powers.
1901	Per Miss A. S. Kite.....	1	Friends of the Gymnasium.
1901	Mrs. Byron P. Moulton.....	1	Charles T. Hunter, M.D.
1902	Per Mrs. Louise Willard Rodgers.	1	Cape May Friends.
1902	Per Miss Katharine R. Porter...	1	Bar Harbor Friends.
1903	Mrs. Joseph F. Page, Jr.....	1	
1903	Univ. Hosp. League.....	2	C. O. Ward Helpers.
1903	Per Miss Marion Bartol.....	1	C. O. Ward League.
1905	Mrs. Isaac Hiester.....	1	

Brass tablet:

CHILDREN'S  
ORTHOPAEDIC DEPARTMENT  
organized 1889 by  
DeFOREST WILLARD, M.D.

In the main corridor of the Gibson Wing for Chronic Diseases:  
Black marble tablet inscribed:

In Commemoration  
of the  
liberality of  
HENRY C. GIBSON  
who erected this  
building for the  
suffering with  
Chronic Diseases  
A. D. 1882

Black marble tablet inscribed:

This tablet is erected  
to commemorate the charity  
of those benefactors of the Hospital  
who have endowed beds in the department  
for Chronic Diseases

MRS. MATTHEW M. BAIRD  
ALEXANDER BROWN  
MRS. HENRY DISSTON  
ANTHONY J. DREXEL  
MRS. SUSAN COX ERWIN  
HENRY C. GIBSON  
MRS. MARY M. JOHNSON  
MISS SARAH MARSHALL  
MISS ELLEN MASON  
MISS IDA MASON  
H. PRATT MCKEAN  
MRS. THOMAS H. POWERS  
THOMAS A. SCOTT  
MISS M. R. SMITH

CHAUNCEY R. BAUGH  
in memory of his father  
EDWIN P. BAUGH

On the door of a room in the Gibson Wing is this inscription:

ROOM FOR SICK NURSES  
Presented to the Hospital of the University of Pennsylvania  
Proceeds of a Concert, April 21, 1903, by  
MRS. FREDERICK GIGER

In the Sun Parlor of the Gibson Wing, on the third floor:

This Solarium  
was erected through the generosity of  
ROBERT P. DE SILVER  
1905

In the Gibson Wing, on the third floor, a brass tablet inscribed:

MAXWELL SOMMERVILLE ROOM.

In the Agnew Surgical Pavilion, on the second floor, is a brass tablet inscribed:

This Room  
endowed  
in the memory of  
MOLTON H. FORREST, M.D.  
1897

In the main building, third floor, a brass tablet inscribed:

This Operating Room is Presented to  
the Hospital of  
THE UNIVERSITY OF PENNSYLVANIA  
by  
JAMES DUNDAS LIPPINCOTT  
in memory of his uncle  
JAMES DUNDAS  
A. D. 1900

**THE WISTAR INSTITUTE OF ANATOMY.**—Building occupies triangular plot of land owned by the Institute and bounded by Woodland avenue, Spruce street and Thirty-sixth street. The institution is a corporation founded in 1892 for exhibition and extension of the Wistar and Horner Museums, begun in 1808, and for research work in anatomy. Building dedicated May 21, 1894, cost about \$250,000 (endowment \$1,000,000 additional). Material, buff brick and light terra cotta. Construction entirely fireproof. Completed section consists of a main building 223 x 66



feet and a wing 46 x 72 feet, each four stories high. Architects, George W. and W. D. Hewitt. Points of interest: The collections of anatomical and natural history specimens, and their methods of display in steel cases, portraits, etc. The laboratories, library, and shops may be seen on application at the office. The building and endowment are the gifts of General Isaac J. Wistar, a descendant of Dr. Caspar Wistar, Professor of Anatomy at the University from 1808 to 1818. The Institute grounds include the entire triangular plot (now occupied by the municipal fire and police station) for the extension of the museum buildings.

The Museum is open week days from 9.00 A. M. to 5.00 P. M.

## OIL PORTRAITS AND MEMORIALS IN WISTAR INSTITUTE.

*CASPAR WISTAR* (first copy of an original in the possession of Mrs. Mifflin Wistar). Professor of Chemistry and of the Institutes of Physic, 1789-1791; Adjunct Professor of Anatomy, etc., 1791-1808; Professor of Anatomy, 1808-1818.

*WILLIAM EDMONDS HORNER* (painted from memory, by John Neagle), Adjunct Professor of Anatomy, 1820-1831; Professor of Anatomy, 1831-1853.

*JOSEPH LEIDY, LL.D.* (James L. Wood, from photograph). Professor of Anatomy, 1853-1891; Professor of Zoology and Comparative Anatomy, 1884-1891.

On the south wall of main vestibule are brass tablets inscribed:

### CASPAR WISTAR, M.D.

<sup>1761-1818</sup>  
President Royal Medical Society of Edinburgh  
President Society for the further investigation of  
Natural History, of Edinburgh  
Professor of Anatomy, University of Pennsylvania,  
President American Philosophical Society  
Founder of this Museum 1808

### ISAAC J. WISTAR, Sc.D.

<sup>1827-1905</sup>  
Brigadier General Volunteers, U. S. Army  
President Academy Natural Sciences  
President American Philosophical Society  
President Board of Commissioners of  
Public Charities of Pennsylvania  
Endowed this Institution A. D. 1892



WISTAR INSTITUTE.

On the south wall of the second floor vestibule are brass tablets inscribed:

JOHN ADAM RYDER, PH.D.

1852-1895

Embryologist to the United States Commission of Fish and Fisheries

Professor of Comparative Embryology

University of Pennsylvania

JOSEPH LEIDY, M.D., LL.D.

1823-1891

Professor of Anatomy

President Academy of Natural Sciences

of Philadelphia

Curator of this Museum 1853 to 1891

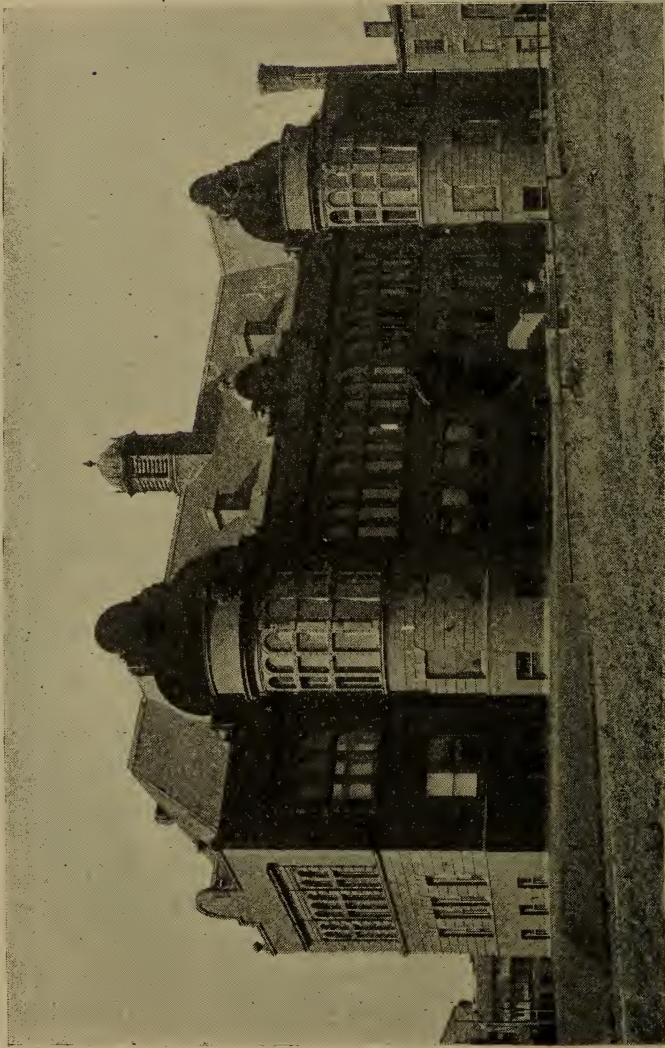
In the niche in the vestibule of the first floor, in a bronze vase, are deposited the ashes of General Wistar.

In a niche on the south wall of the second floor, in three bronze vases, are deposited the ashes of Joseph Leidy, John Adam Ryder and Edward Drinker Cope.

**DEPARTMENT OF DENTISTRY.**—Organized 1878; third University dental school in America; most cosmopolitan department of the University, the students representing 23 foreign countries and almost every state in the United States. There are 50 officers of instruction and almost 400 students.

**DENTAL HALL,** located at 33rd and Locust streets, front facing new Engineering Building; was erected in 1896; size of main building 50 x 180 feet, with large wing 50 x 90 feet; material, red brick and terra cotta; cost, \$150,000. Architect, Edgar V. Seeler. Entire second floor of main building used as clinical operating room; size 180 x 50 feet—considered best equipped and best lighted dental laboratory room in existence. Free dispensary daily from nine to three o'clock, except Sunday. Saturdays from nine to one o'clock. Points of interest: Amphitheatre at head of staircase, seating 550; dental museum, containing many valuable specimens, among others the W. G. A. Bonwill and J. Forster Flag collections; library; Prosthetic Library, Metallurgical Vulcanizing and Modeling Laboratories, special clinic rooms, etc.; first dental diploma awarded in America.





DENTAL HALL.

## OIL PORTRAITS AND MEMORIALS IN DENTAL HALL.

*CHARLES C. HARRISON, LL.D.* (Paul K. M. Thomas). Presented by the students of the Department of Dentistry, 1903.

*PIERRE FAUCHARD* (copied after Netscher), 1761. An eminent French dental surgeon and author. Presented to the University in 1905 by Dr. George Viau, Professor in l'Ecole Dentaire de Paris. This celebrated French dentist has been called the "father of modern dentistry."

*JAMES TRUMAN, D.D.S., LL.D.* (E. F. Faber), Professor of Dental Pathology, Therapeutics, and Materia Medica, 1885 to date. Presented by the Society of the Alumni of the Department of Dentistry, University of Pennsylvania, June, 1896.

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Memorial Clock in Dental Clinical Laboratory, second floor, inscribed:

Presented  
by the  
Class of 1900.

In the main corridor on the first floor is a bronze tablet inscribed as follows:

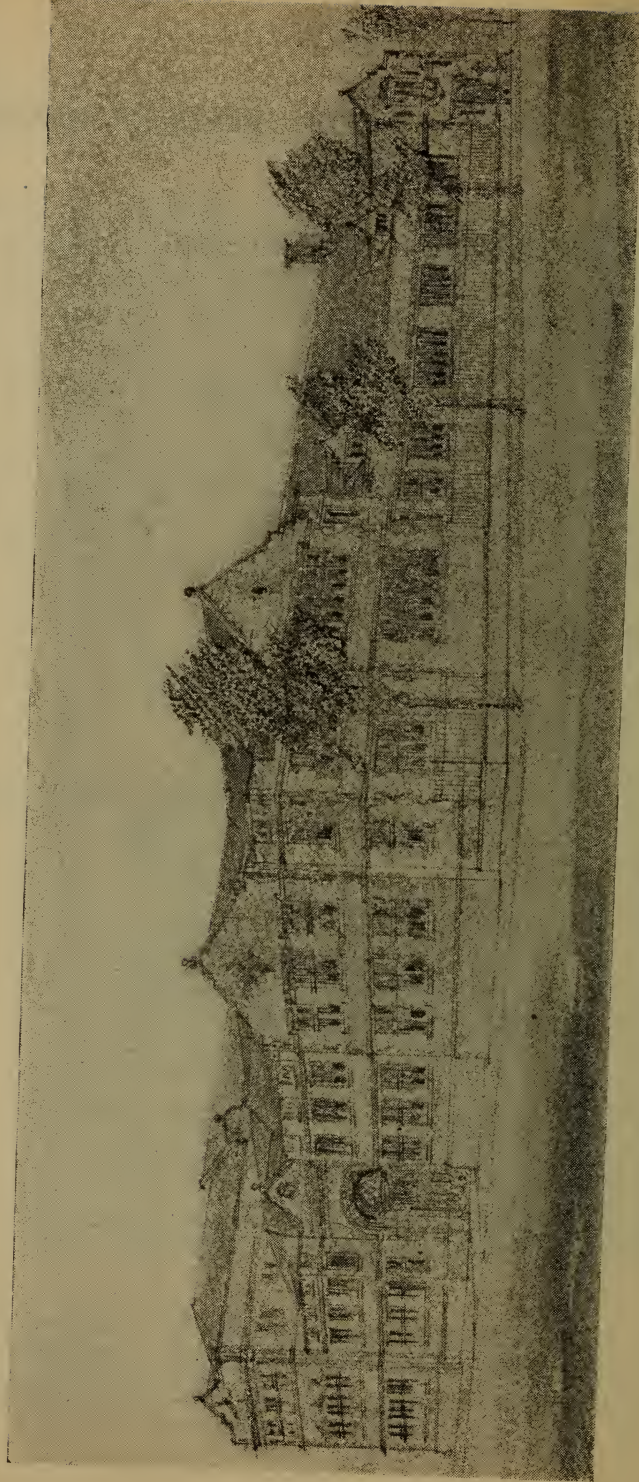
CHARLES JAMES ESSIG  
1841-1901  
D.D.S. Philadelphia Dental College 1871  
M.D. Jefferson Medical College 1876  
Professor of Mechanical Dentistry  
and Metallurgy in the Pennsylvania  
College of Dental Surgery 1876-1878  
Professor of Mechanical Dentistry  
and Metallurgy in the Department  
of Dentistry, University of Pennsylvania  
1878-1901  
One of the Founders of this Department  
1878  
Secretary of its Faculty 1878-1883  
Author, Artist, Scientist, Mechanician

---

Erected by the Society of the Alumni  
of the Department of Dentistry  
University of Pennsylvania, 1906

**THE VETERINARY DEPARTMENT**, founded in 1884; formerly located at 36th and Pine streets (Hamilton Walk), on a plot donated by the City and now occupied by the new Med-





NEW VETERINARY BUILDING.



ical Laboratory buildings. The Veterinary Department and Hospital moved into a temporary building at 39th and Woodland avenue in 1901.

**THE VETERINARY BUILDING** of the Department occupies the entire lot at 39th street, De Lancey street and Woodland avenue, which has been purchased for this purpose at a cost of over \$40,000. The dimensions of this plot are 260 by 210 feet. The building, which will cost about \$300,000, is being erected around all four sides of the square, leaving a courtyard in the center. Only the 39th street and Woodland avenue fronts have been completed thus far. The style of architecture is similar to that of the University Dormitories. The plans were prepared by Cope and Stewardson.

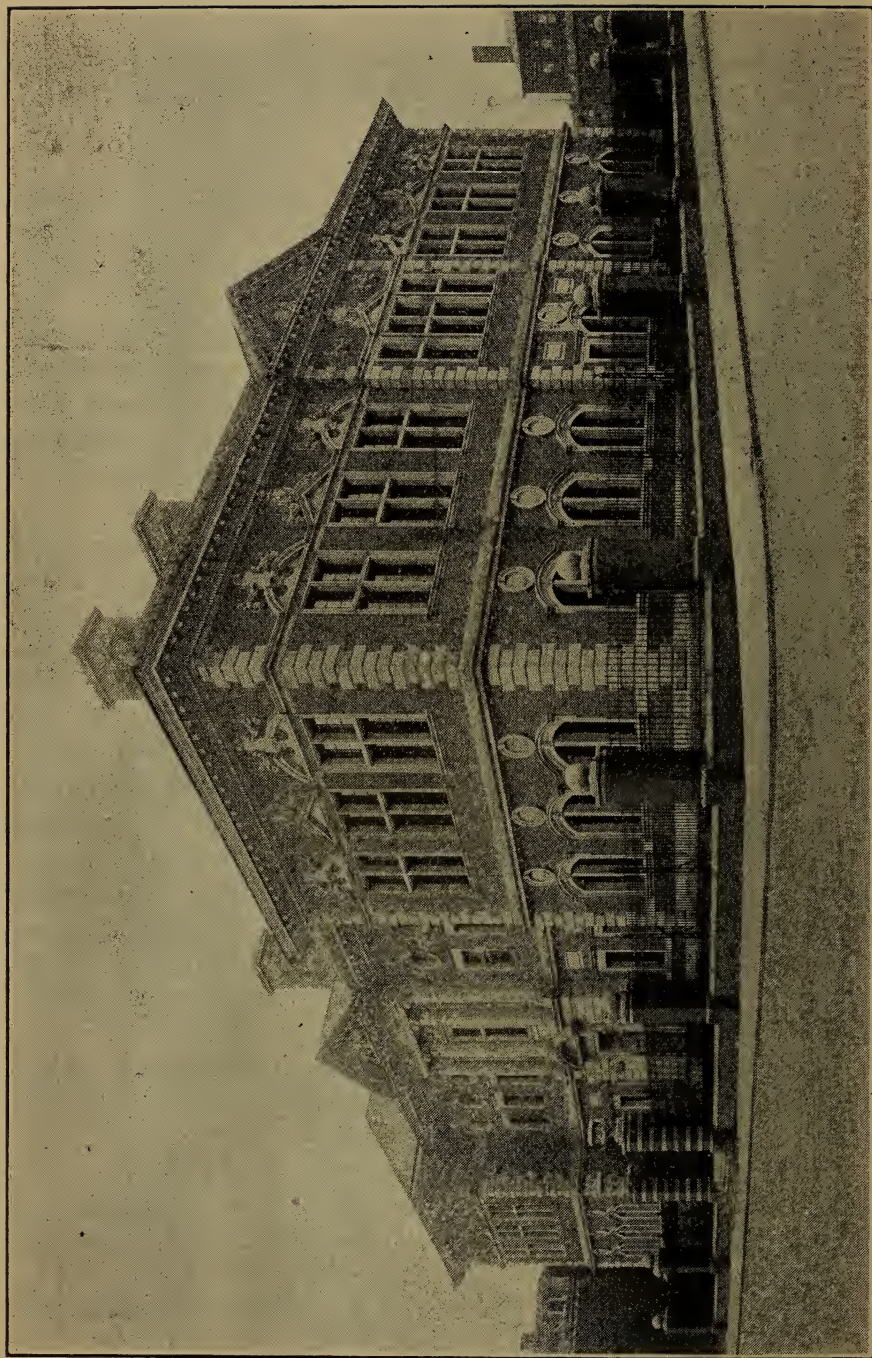
The building is fireproof, and constructed of hard burnt red brick, with limestone trimmings, the roof covering being of green slate. The main entrance is through the archway on 39th street.

On the first floor are waiting rooms for the public; a pharmacy; resident surgeon's room; room for canine clinics, which communicates with the kennels on the second floor, and the hospital of the building, which occupies the second floor along Woodland avenue, east of 39th street. There are also rooms for the care of the various other small animals. In the series of buildings the school and hospital departments are entirely separated, everything connected with anatomy and post-mortem work being grouped together. In the southern half of the building along 39th street is a large hall for horse clinics. Adjoining are an irrigating room, forge, sterilizing room, with X-ray apparatus, etc.

There are numerous box stalls for special treatment of various diseases of horses. The hospital for larger animals accommodates fifty-five horses and cows.

In the northern portion of the first floor is a library and the offices of the faculty. On the second floor are the laboratories of the State Live Stock Sanitary Board, and rooms and offices connected therewith.

The third story contains rooms and studies for resident surgeons, and large laboratories.



LAW SCHOOL BUILDING.



In the southeast corner of the grounds is a modern blacksmith shop.

**LAW DEPARTMENT.**—First Professor of Law, Hon. James Wilson, elected 1790. Department re-organized in 1850 by Hon. George Sharswood. Teaching staff, 24; number of students, 322. Alumni, about 2,500 graduates and 3,000 matriculates.

**THE LAW SCHOOL BUILDING.**—Dedicated February 22, 1900; size 120 x 190 feet; material, Indiana limestone and dull red brick; cost, \$450,000; architecture, similar in character to the English Renaissance as developed by Sir Christopher Wren. Architects, Cope and Stewardson. Construction entirely fire-proof. Points of interest: Beautiful hallways and grand staircase. Second floor, Sharswood and McKean Halls, richly ornamented, are 40 x 114 feet and 30 feet high; each hall contains 254 individual desks; the former named for Chief Justice Sharswood, who re-organized the school, and the latter for Chief Justice McKean, of Pennsylvania; McMurtrie Hall, the graduate reading room; the Biddle Law Library, of 41,000 volumes, in fire-proof stacks. Paintings and engravings of famous jurists and former members of the teaching staff adorn the walls through the building. There are also numerous busts, and bronze and marble memorial tablets, in various parts of the building. On the main floor are six classrooms, a moot court-room, Wharton Hall, Price Hall (debating room), and the Museum of the Pennsylvania Bar Association. In the basement are the club rooms of the various student organizations of the Law School; in the sub-cellar is a modern lighting, heating, and ventilating plant.

A large lot immediately in the rear of the Law School building is owned by the University and was purchased for the extension of the Law School building in the future. The University Tennis Association occupies it at present with six excellent tennis courts.

On the circular medallions of stone in the first story are cut the names chosen by the late Hon. John I. Clark Hare for special honor, names of the great beginners of law and of its great exponents down to our own time.

## OIL PORTRAITS AND STATUARY IN THE LAW BUILDING.

*ALGERNON SYDNEY BIDDLE* (Cecilia Beaux), Professor of Practice, Pleading and Evidence at Law, and Criminal Law, 1887-1891. Presented by his family. .

*GEORGE BIDDLE* (J. B. Sword), member of the Philadelphia Bar. Presented by his family.

*HORACE BINNEY, LL.D.* (Unknown), author of legal works; member of the Second Congress; trustee of the University, 1807-1836. (An engraving of Horace Binney, by John Sartain after an oil painting by Sully, is also in the possession of the Department of Law.)

*HAMPTON LAWRENCE CARSON B.A., LL.D.* (Rosenthal) born 1852; U. of Pa., A.B., 1871; LL.B., A.M., 1874; LL.D., 1906. Professor of Law, 1894-1903. Presented by his friends.

*HON. JOHN INNES CLARK HARE, LL.D.* (Elsa Koenig), 1816-1905; A. B. 1834; A. M. 1837; LL.D. 1868; trustee, 1858-1868; Professor of the Institutes of the Law, 1868-1888; Professor Emeritus, 1888-1905. Presented to the University on February 24, 1906, by the graduate and undergraduate members of the Hare Law Club.

*THOMAS McKEAN, LL.D.* (R. W. Vonnoh), signer of the Declaration of Independence; member of the Continental Congress, 1774-1783; Chief Justice of Pennsylvania, 1777-1799; President of the Trustees of the University of the State of Pennsylvania, 1788-1791; trustee, 1779-1817; Governor of Pennsylvania, 1799-1808. Presented by the friends of Thomas McKean, deceased.

*RICHARD COXE McMURTRIE, LL.D.* (W. M. Chase), Chancellor of the Law Association of Philadelphia, 1891-1894. Presented by his family.

*ELIHU SPENCER MILLER* (Unknown), Professor of the Law of Real Estate, Conveyancing, and Equity Jurisdiction, 1852-1872, and Dean of the Department of Law, 1868-1872.

*EDWARD COPPEÉ MITCHELL, LL.D.* (A. Lamor), Professor of the Law of Real Estate, Conveyancing and Equity Jurisprudence, 1873-1887, and Dean of the Department of Law,



1874-1887. Presented by the Society of the Alumni of the Department of Law.

*PHINEAS PEMBERTON MORRIS, LL.D.* (Unknown), Professor of Practice, Pleading, and Evidence at Law, 1862-1884, and Professor Emeritus, 1884. Presented by the Classes of 1884 and 1885 of the Department of Law.

*GEORGE SHARSWOOD, LL.D.* (Unknown), President Judge of the District Court of Philadelphia, 1848-1867; Justice of the Supreme Court of Pennsylvania, 1867-1878, and Chief Justice, 1878-1883; reorganizer of the Department of Law, 1850, and Dean, 1852-1868; trustee of the University, 1872-1883. Presented by members of the Sharswood Law Club.

*JAMES WILSON, LL.D.* (Albert Rosenthal, from miniature in the possession of Thomas Harrison Montgomery, Litt.D.), Professor of English in the College and Academy of Philadelphia, 1773-1779; founded the Department of Law, 1790, and Professor of Law, 1792-1798; trustee of the University, 1779-1798; member of the Provincial Convention, 1774-1775; member of the Continental Congress, 1775-1778, 1782-1783; 1785-1787; signer of the Declaration of Independence; member of the Constitutional Convention of the United States, 1787; member of the Constitutional Convention of Pennsylvania, 1789; Justice of the Supreme Court of the United States, 1789-1798. Presented by the Hon. Hampton L. Carson.

*DANIEL WEBSTER*, marble bust, at head of staircase, presented by Charles C. Townsend, Esq.

*JEREMIAH SULLIVAN BLACK*, Chief Justice of Pennsylvania, 1810-1883, marble bust, modeled by Mary K. Plough in 1883, cut in marble by the sculptor, Powers. The bust is in Sharswood Hall, mounted upon a pedestal cut from a famous walnut tree, which grew upon John Black's estate. Presented by his daughter, Dr. Mary Black Clayton.

## MEMORIAL COLLECTIONS OF LEGAL ENGRAVINGS.

In the class rooms are three interesting collections of English and American legal engravings, known as the Erskine Hazard Dickson Collection, presented by the Sharswood Law Club; the George M. Wharton Memorial Collection, presented by Mrs.

Thomas McKean, and the James T. Mitchell Collection, presented by friends of the Chief Justice.

The first two collections contain almost two hundred portraits, and form the most complete collection of English legal engravings in America. The Mitchell collection of American legal engravings is also very excellent.

## MEMORIALS AND INSCRIPTIONS, LAW SCHOOL BUILDING.

On the shield south of the main entrance is the following inscription:

Law  
Department  
of the  
University  
First Professor  
JAMES WILSON  
1790

On the shield north of the main entrance:

Law  
Department  
of the  
University  
Reorganized by  
GEORGE SHARSWOOD  
1850

The following are copies of memorial tablets and inscriptions throughout the interior of the building:

### ON THE FIRST FLOOR.

On the western wall of Price Hall, a tablet in bronze:

PRICE HALL  
Erected in Memory  
of  
ELI KIRK PRICE, LL.D.  
A TRUSTEE OF THE UNIVERSITY  
1869-1884  
PRESIDENT OF THE UNIVERSITY HOSPITAL  
1879-1884  
and of his son  
JOHN SERGEANT PRICE  
PRESIDENT OF THE CENTRAL COMMITTEE  
of the  
ALUMNI OF THE UNIVERSITY  
1882-1897  
PRESIDENT OF THE SOCIETY OF THE ALUMNI  
of the  
DEPARTMENT OF LAW  
1890-1897

On the western wall of Wharton Hall, a tablet in bronze:

This room is dedicated  
to the memory of  
GEORGE M. WHARTON  
1806-1870

On the walls of the central hall are seven tablets of Tennessee marble. The inscriptions on these are as follows:

JAMES WILSON  
1742-1798

JOHN SERGEANT  
1779-1853

WILLIAM M. MEREDITH  
1799-1873

ROBERT COOPER GRIER  
1794-1870

ST. GEORGE TUCKER CAMPBELL  
1814-1874

GEORGE W. BIDDLE  
1818-1897

JAMES E. GOWEN  
1830-1885

#### ON THE SECOND FLOOR

A tablet in plaster on the south wall of McKean Hall above the center of the stack room entrance:

This room is dedicated  
to the memory of  
THOMAS MCKEAN  
CHIEF JUSTICE OF PENNSYLVANIA  
1777-1799

A tablet in plaster on the north wall of Sharswood Hall above the center of the stack room entrance:

This room is dedicated  
to the memory of  
GEORGE SHARSWOOD  
CHIEF JUSTICE OF PENNSYLVANIA  
1878-1882

A tablet in plaster on the west wall of McMurtrie Hall above the central door of the stack room:

This room is dedicated  
to the memory of  
RICHARD C. MCMURTRIE  
CHANCELLOR OF THE  
LAW ASSOCIATION OF PHILADELPHIA  
1891-1894

A tablet in bronze set into the floor of the stack room at the main entrance to the Biddle Law Library:

This Library was founded in 1886  
in memory of  
GEORGE BIDDLE  
and continued in 1891 in memory of  
ALGERNON SYDNEY BIDDLE  
and in 1897 of  
ARTHUR BIDDLE  
the three sons of  
GEORGE W. BIDDLE  
They died before their father, having lived  
as became their high calling of the law,  
Truth, courage, honour, love and duty their guides.

On the west wall of the Conversation Room is a brass tablet inscribed:

In memory of  
WILLIAM JAMES SUDDARDS  
Class of 1893 Law  
THE NEEDY STUDENT'S AID FUND  
established by his mother  
MRS. G. COOKMAN SUDDARDS  
1904

Upon the four walls above the main staircase are inscribed these words:

THE LAW IS UNKNOWN TO HIM THAT KNOWETH NOT THE  
REASON THEREOF, AND THE KNOWNE CERTAINTIE OF THE LAW IS  
THE SAFTIE OF ALL.—*Coke.*

On the walls of the second floor corridor is a wrought bronze tablet inscribed:

In Memoriam  
ROY WILSON WHITE  
Born June 6, 1872—Died May 20, 1900  
B.S. (Earlham) 1894  
A.M. (Haverford) 1895  
LL.B. (University of Pennsylvania) 1898  
Fellow in Law School (U. of Pa.)  
1898-1900  
Student of Civil Law (University of Paris)  
1899-1900  
Erected by the class of 1898, Law.

The following names are on the medallions and shields which ornament the exterior of the new building:

#### ON THE THIRTY-FOURTH STREET FRONT

In the three southern medallions, running south to north:

BLACKSTONE

KENT

MANSFIELD



In the three southern shields, running south to north:

MADISON                  HAMILTON                  WEBSTER

In the three northern shields, running south to north:

GIBSON                  TILGHMAN                  BINNEY

In the three northern medallions, running south to north:

STORY                  MARSHALL                  TANEY

---

#### ON THE CHESTNUT STREET FRONT

In the central medallion:

VATTEL

In the central (western) shield:

STOWELL

In the central (eastern) shield:

GROTIUS

In the three eastern shields, running east to west:

BLACKBURN                  FIELD                  BRADLEY

In the three western shields, running east to west:

ELDON                  HARDWICKE                  JESSEL

---

#### ON THE SANSOM STREET FRONT

In the central medallion, above the Sansom Street entrance:

EDWARD I

In the central (eastern) shield:

COKE

In the central (western) shield:

BRACTON

In the three eastern medallions, running from east to west:

HOLT                      CAMDEN                      HALE

In the three western medallions, running from west to east:

TRIBONIAN                      JUSTINIAN                      GREGORIUS

---

#### ON THE WESTERN WALL

In the three medallions of the south wing, running from north to south:

GAIUS                      PAPINIAN                      ULPIAN

In the three medallions of the north wing, running from north to south:

POTHIER                      DOMAT                      SAVIGNY

A handsome clock in the Conversation Room is inscribed:

Presented  
to the Law School  
by the  
Class of 1900

---

**DEPARTMENT OF ARCHAEOLOGY.**—Founded 1889; organized by the late William Pepper. Museum divided into four departments, each under the management of a curator, viz.: General Ethnology, and American Prehistoric Archaeology, Babylonian and General Semitic, Egyptian and Mediterranean Sections. Ground for buildings and gardens, almost ten acres, donated by the city, 1894-1895. Location of tract, south of Spruce street and east of 34th street. The Philadelphia Commercial Museums, the largest of their kind in America, are located immediately in the rear of the University Museums.

**MUSEUM BUILDINGS** (northwestern section), begun in 1897 and dedicated December 20, 1899. Cost, including present equipment, \$400,000. The joint architects, in charge of the plans for the completion of the Museums, are Messrs. Wilson Eyre, Jr., Cope and Stewardson, and Frank Miles Day and Brother. The completed plans provide for an extensive group of buildings to

be constructed by sections. The whole is to cover almost twelve acres of ground and to cost about \$2,250,000. The section now erected, the northwestern, will form about one-seventh of the building when completed. The plans provide for an enormous dome which will dominate the entire composition. From this dome broad galleries are to extend eastward and westward to two secondary domes, with each of which are connected two groups of buildings, one facing north and the other facing south. The portion at present erected is a part of the western group, and consists of a series of buildings facing three sides of a courtyard in which there is a large pool containing aquatic plants. To the westward of the Museum, extending to 34th street, are terraced grounds, in the center of which is the statue, in bronze, of the late Dr. William Pepper, by Carl Bitter.

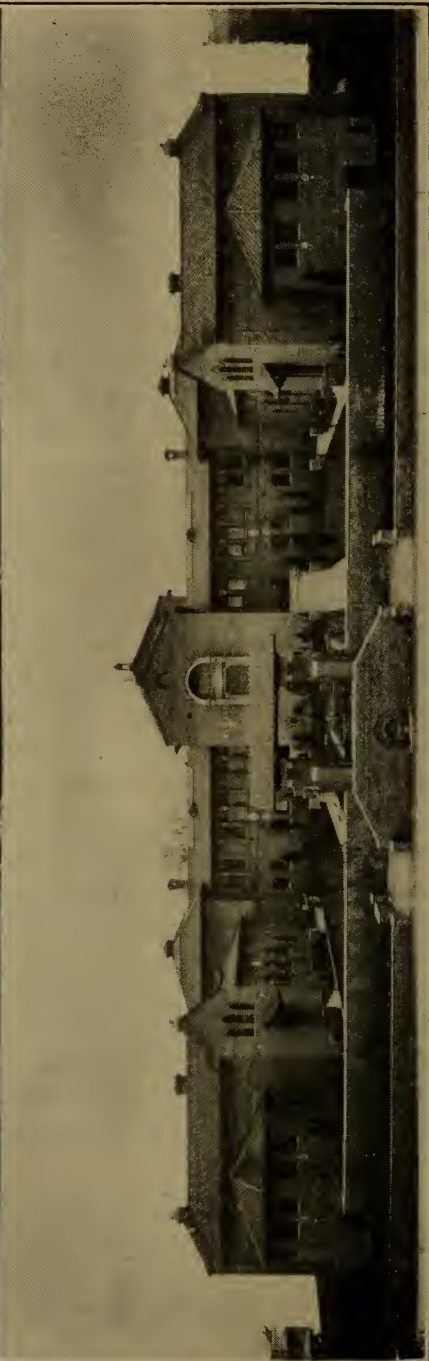
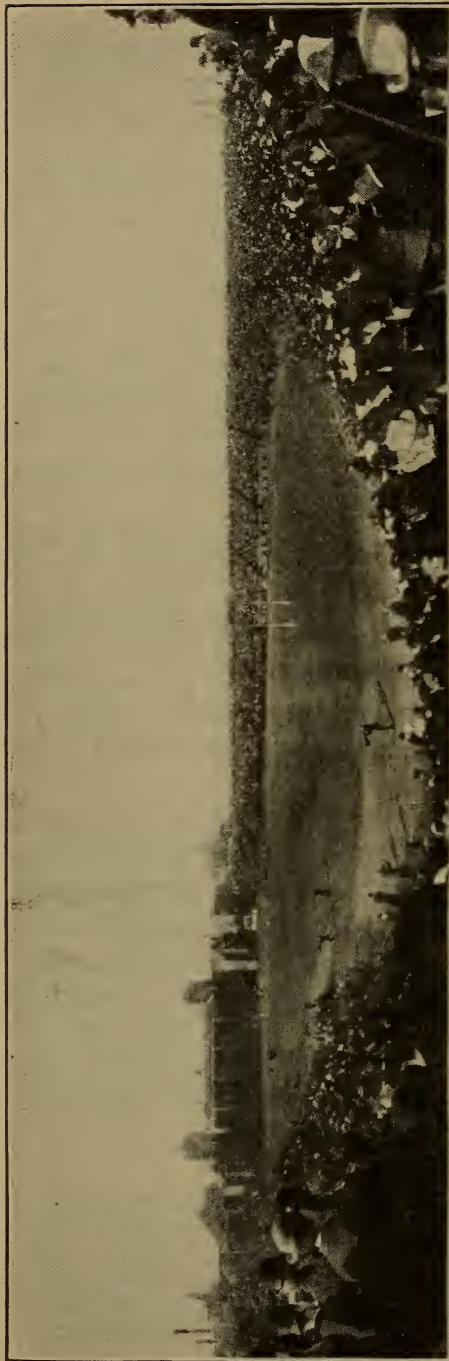
Competent critics consider the treatment of this building and its courtyard one of the most charming and successful works of architecture in this country. It is inspired by the round arched brick architecture of Northern Italy. The material is rough brick of a somewhat unusual color, laid with wide mortar joints, the only exterior ornamentation being rough mosaic fragments of brick and marble. The roof, of Spanish tiles, adds greatly to the beauty of the structure.

*Babylonian Section.*—Second floor, west wing; some of the results of the excavations conducted by the University at the ancient Babylonian city, Nippur. Most important collection in America. Points of interest: Relief map of Nippur; fragments of vases of the earliest period known; door socket of Sargon, 3800 B. C.; inscribed cylinder bricks from the temple of Bel; sarcophagi; seal-cylinders; images of gods, pottery, etc. There is also a door socket from Ur of the Chaldees, and a clay cone of Amraphel (Hammurabi) of Genesis XIV.

*Etruscan, Egyptian, and Mediterranean Section.*—Central hall, east wing, second floor. Points of interest: Dillwyn-Parrish Collection of Greco-Roman papyri, among which are the oldest known fragments of the Gospel of St. Matthew, of the second century, and Thucydides, of the first century; Drexel Collection of original ancient sculptures, Greek and



FRANKLIN FIELD—A FOOTBALL MATCH



MUSEUM OF SCIENCE AND ART

Roman; Wanamaker Collection of bronze reproductions of the "finds" at Herculaneum and Pompeii, Etruscan armor, bronzes, etc.; in the Egyptian room, statues, mummies, sarcophagi, door sockets, etc., dating from 400 B. C. to Greco-Roman period.

*American and General Ethnological Section.*—Pepper Hall, central corridor, east and west wings; North American Ethnology Collections; Colorado Cliff Dwellers' Exhibit; Archaeological exhibits of Mexico, Central and South America; Polynesian exhibits; Borneo and Sumatra exhibit; Drexel Fan Collection; Frishmuth Collection of Musical Instruments; Coin Collection; Sommerville Collection of gems and of objects of Buddhist worship.

The Museum Library and Widener Lecture Hall occupy corresponding positions in the eastern and western wings of the Museum, respectively. In the basement are the work rooms, photograph quarters, unpacking rooms, restaurant, etc.

## OIL PORTRAITS IN THE MUSEUM BUILDING.

*FRANK HAMILTON CUSHING* (Thomas Eakins), ethnologist, in his costume as a Priest of the Bow in Zuni. Loaned by the artist.

*MRS. WILLIAM D.* (Sarah Hancock) *FRISHMUTH* (Thomas Eakins), benefactress. The subject is shown surrounded by various musical instruments, a large collection of which was presented by her to the Museum. Loaned by the artist.

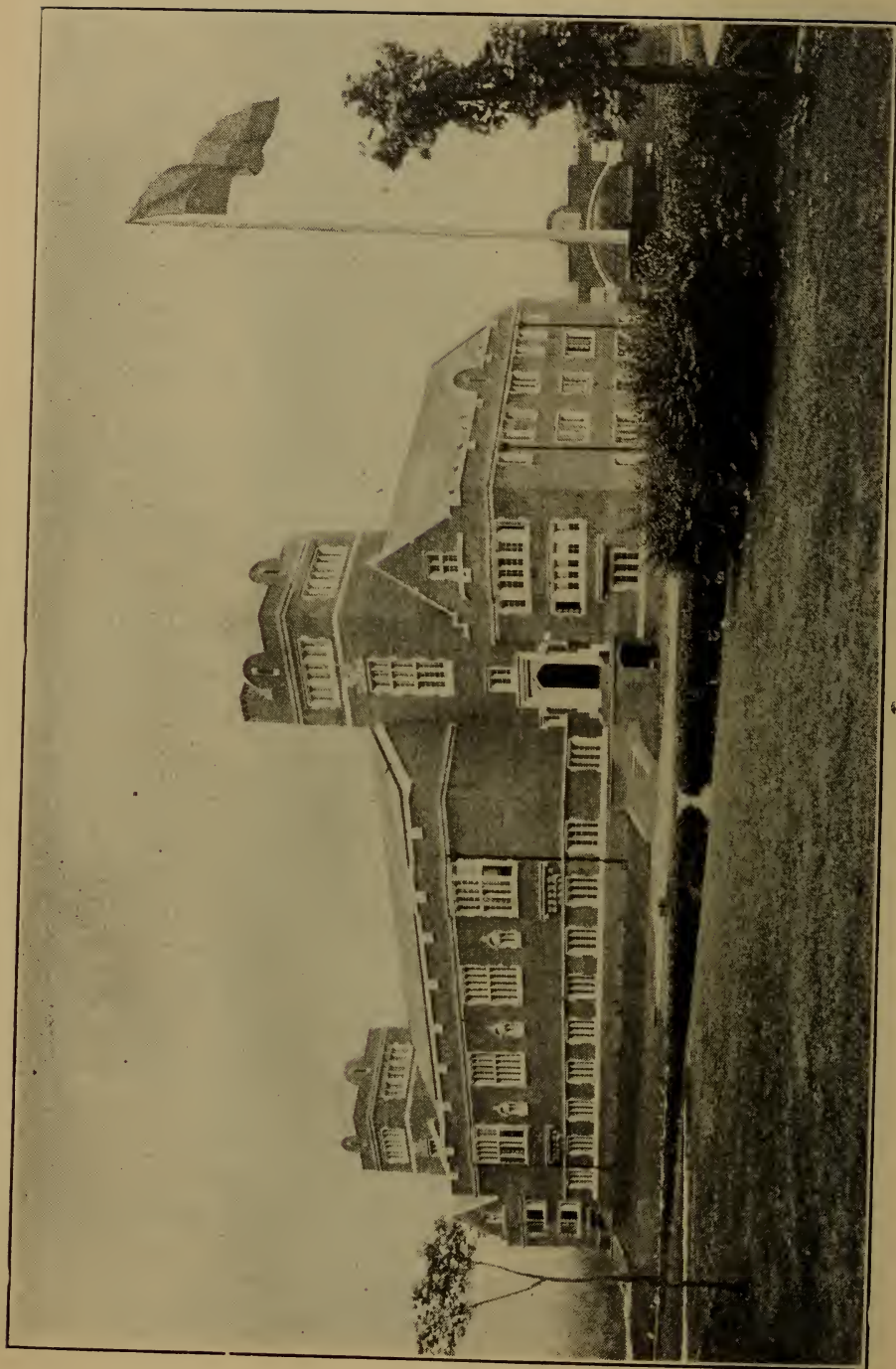
*MAXWELL SOMMERVILLE* (Stephen Ferris), benefactor, lecturer in Glyptology, 1890-1894; professor, 1894-1904.

Statue of William Pepper, in bronze, by Carl Bitter, sculptor, on Museum Terrace, presented to the University by his friends in 1889. The bronze tablet on the front of the pedestal is inscribed:

WILLIAM PEPPER, M.D., LL.D.  
PROVOST OF THE UNIVERSITY OF PENNSYLVANIA  
1881-1894

On the bronze reliefs on the sides are the following inscriptions:

THERE SHALL BE SLEEPING ENOUGH IN THE  
GRAVE.  
ALL THINGS EXIST IN THE MAN TINGED WITH  
THE MANNERS OF HIS SOUL.



THE GYMNASIUM.



The bronze tablet on the back of the pedestal is inscribed as follows:

AS PROVOST HE ESTABLISHED THE FOLLOWING UNIVERSITY DEPARTMENTS:

THE WHARTON SCHOOL OF FINANCE AND ECONOMY, THE UNIVERSITY LIBRARY, THE BIOLOGICAL DEPARTMENT, THE GRADUATE DEPARTMENT FOR WOMEN, THE DEPARTMENT OF PHILOSOPHY, THE DEPARTMENT OF HYGIENE, THE VETERINARY DEPARTMENT, THE DEPARTMENT OF ARCHITECTURE, THE TRAINING SCHOOL FOR NURSES, THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, THE DEPARTMENT OF PHYSICAL EDUCATION, THE WILLIAM PEPPER LABORATORY OF CLINICAL MEDICINE, THE DEPARTMENT OF ARCHAEOLOGY AND PALEONTOLOGY.

AND THE FOLLOWING PUBLIC INSTITUTIONS WERE HIS CREATIONS: THE FREE LIBRARY OF PHILADELPHIA, THE MUSEUM OF SCIENCE AND ART, THE PHILADELPHIA MUSEUM.

YOU AND I MUST PASS AWAY, BUT THESE THINGS WILL LAST.

---

**THE ATHLETIC ASSOCIATION** was organized in 1873, and incorporated in 1882. The "Old Field," located at 37th and Spruce streets—now the site for the Dormitory extension—was used for all athletic contests from 1885 to 1895.

**FRANKLIN FIELD.**—Dedicated April 20, 1895. Improvements consisting of stadium and grandstand and gymnasium; cost, exclusive of grounds, \$400,000. These improvements were made during 1903-1904. The architects were Frank Miles Day & Bro. The Field is 714 feet long and 443 feet wide. The stands were built similar to a house, the slant representing the roof. Massive walls with solid buttresses form the backs, the low walls, the copings; while the roof, covered with felt, cement, and slag, supports the seats and foot boards. These stands cover the north, south, and east sides of the field, while the gymnasium encloses the west side. Underneath the stands are excellent indoor tracks and winter training quarters for athletes. The seating capacity of the stands is about 20,000. At each end of the gymnasium there is a memorial gateway dedicated to Penn's famous athletes; these form the main entrances to Franklin Field. The field contains a quarter-mile track, football grid-iron, a baseball diamond, etc.

**THE GYMNASIUM** stands on the west end of Franklin Field, having a face upon both the field and 33rd street. The approximate cost of improvements is \$400,000, which was raised by the Athletic Association. The Gymnasium building was erected 1903-4; is 275 x 80 feet, being made up of a central portion and two square towers rising above the other portions, and wing buildings at the end. The architecture is English Collegiate Gothic, and the material of dark red brick with black headers laid in Flemish bond, trimmed with terra cotta and in some parts with Indiana limestone of the same color. The construction is entirely fireproof, the floors and columns being of concrete. The architects were Frank Miles Day & Bro. One-half of the ground floor of the main building is taken up with a swimming pool which is 100 feet long and 30 feet wide, 9 feet deep at one end, 4 feet 6 inches at the other. There is a gallery for spectators. The other portion of the lower floor is divided into rooms for fencing, sparring, rowing, boxing, etc.

The entire second floor is the Gymnasium proper, which is about 150 x 75 feet, with a skylight over almost the entire roof. The towers and wing buildings contain locker rooms for students, professors, home and visiting teams. There are about 2,600 lockers in all, with provision for nearly double that number. There are ample shower bath rooms for those using the Gymnasium, as well as rooms for secretary, manager, physical instructor, etc. There are two main entrances on 33rd street, extending into large halls leading to the upper floors. There are also entrances from the Field, and all parts of the building are connected with each other.

**TRAINING HOUSE.**—The training house with dormitories for athletes is at 33rd and Marston streets; alongside of the north wing of the Gymnasium; contrary to the opinion of many when this site was first proposed for the training house, the new building adds to the architectural dignity of the Gymnasium, with which it conforms closely in style. The architect, Mr. Horace Trumbauer, who is a graduate of the College Department, has handled his subject in a way which beautifies a corner which has been the least attractive on the athletic grounds. The building contains ample accommodations for twenty-six men and the

large living and dining halls accommodate at least seventy. The building consists of three stories over a high basement. In the basement are the kitchen and pantry, the steward's and servants' rooms, and the boiler and engine rooms. On the first floor is a large lounging room and dining hall, connected with an open hallway. The coaches also have rooms on this floor, leading off from the hall. On the second and third floors are twenty-six bedrooms and a study. The building is the gift of the Alumni. It is connected underground with the Gymnasium.

### MEMORIALS AND INSCRIPTIONS IN GYMNASIUM, FRANKLIN FIELD, AND TRAINING HOUSE.

On the west wall of the main Gymnasium Room, known as "Weightman Hall," a brass tablet is inscribed:

In memory of  
JOHN WEIGHTMAN  
Class of 1886 (Med).  
WILLIAM WEIGHTMAN, JR.  
Class of 1867 (Med.)

On the oak panel of the north staircase is the following inscription:

That to keep them in health and to strengthen and render active their bodies, they be frequently exercised in running, leaping, wrestling and swimming.

From Franklin's "Proposal for the Education of Youth,"  
1749.

On the oak panel of the south staircase is the following inscription:

To the  
UNIVERSITY OF PENNSYLVANIA  
from  
GRADUATES—UNDERGRADUATES  
AND FRIENDS

On the east wall of the Crew Training Room a brass tablet:

In recognition of  
the generous contribution  
of the Delta Chapter  
of the  
Fraternity of Delta-Psi

On the west wall of the Fencing Room a brass tablet:

In recognition of  
the generous contribution  
of the  
MASK AND WIG CLUB



Over the north field entrance to the Gymnasium in the marble shield is carved the following inscription:

In memory of  
THOMAS McKEAN, '62  
First President of the  
ATHLETIC ASSOCIATION  
A generous supporter of  
EDUCATION AND ATHLETICS

On the south gate of Franklin Field, known as the "Memorial Gate of the Class of 1887," the stone panel to the left is inscribed:

PENNSYLVANIA  
WELCOMES HER  
LOYAL SONS  
TRUE FRIENDS  
AND WORTHY RIVALS

On the right panel is the following inscription:

THE CLASS OF '87  
HAVE GIVEN THIS  
PLEDGE OF LOYALTY  
AND DEVOTION TO  
THEIR ALMA MATER

The north gate is inscribed with the numerals "1882," having been presented by that class. The shields on either side have not yet been inscribed.

On the center of the wall of the Gymnasium, facing Franklin Field, is a unique memorial clock, presented by the Class of 1895 College, the hours on the dial being represented by the twelve letters in the word:

"P-E-N-N-S-Y-L-V-A-N-I-A."

The flag-pole in front of Franklin Field at Thirty-third and Spruce streets is 110 feet high, and was presented to the University by the members of the Pacific Northwest Alumni Association. The iron plate on the pole bears the following inscription:

PUGET SOUND FIR  
Presented by the Alumni of the  
Pacific Northwest

In the training house is a brass tablet inscribed as follows:

This tablet has been placed here  
in commemoration of  
the services of  
the Head Coach  
and the  
Board of Coaches  
and of the achievements  
of the  
Football Team of 1904  
by the following subscribers  
toward the erection of  
this Training House and Dormitory



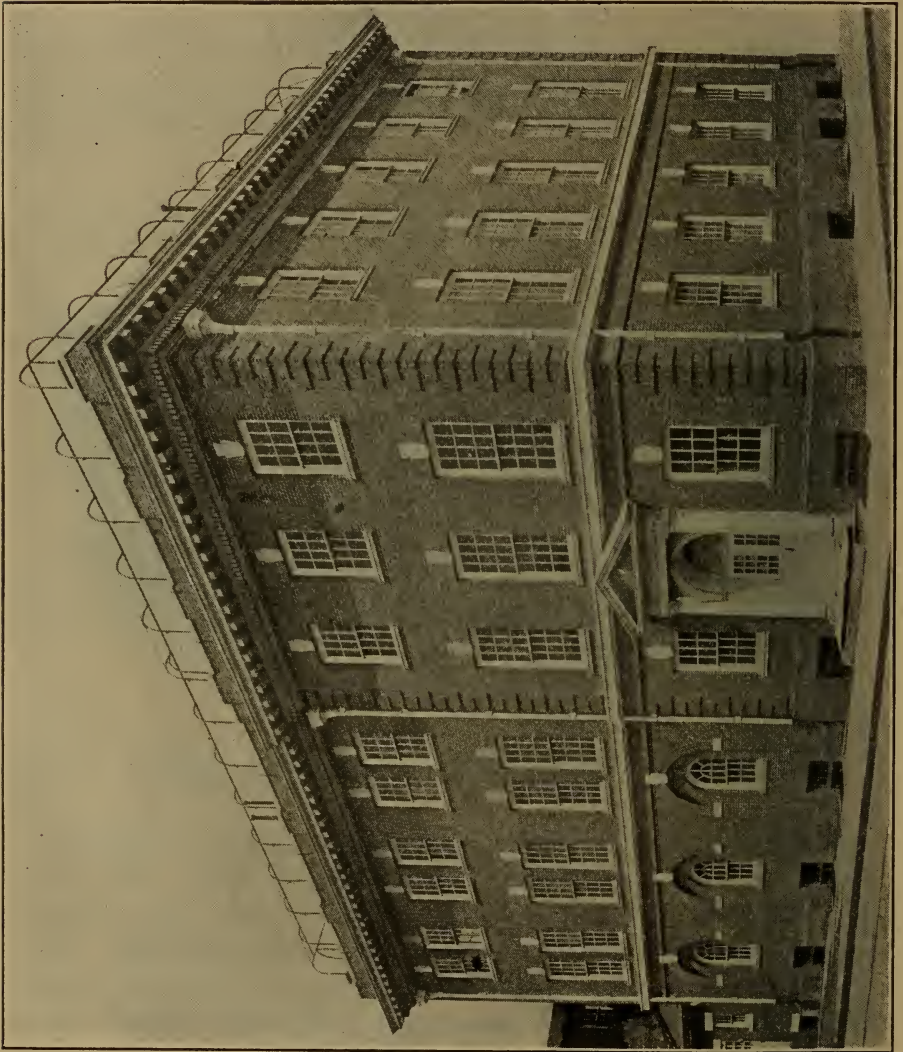
UNIVERSITY BOAT HOUSE ON THE SCHUYLKILL

### UNIVERSITY OF PENNSYLVANIA BOAT HOUSE.—

Located in Fairmount Park on the Schuylkill River. The College Boat Club of the University of Pennsylvania was founded in 1872, and the present boat house built a few years later. The first University crew was organized in 1877. A fund is now being raised for the construction of a new and more modern boat house upon the west banks of the Schuylkill.

The Schuylkill River, known as the "National Course," was selected by the representatives of various American Rowing

Associations as the best course for holding the "American Regatta"—which is destined to become a sporting event as important to Americans as the "Henley Regatta" is to the English.



CHRISTIAN SETTLEMENT BUILDING.

**ALUMNI HALL.**—3451 Woodland avenue. The building was formerly the home of the Medical Institute. The first floor contains the printing plant of the "Pennsylvanian," the under-



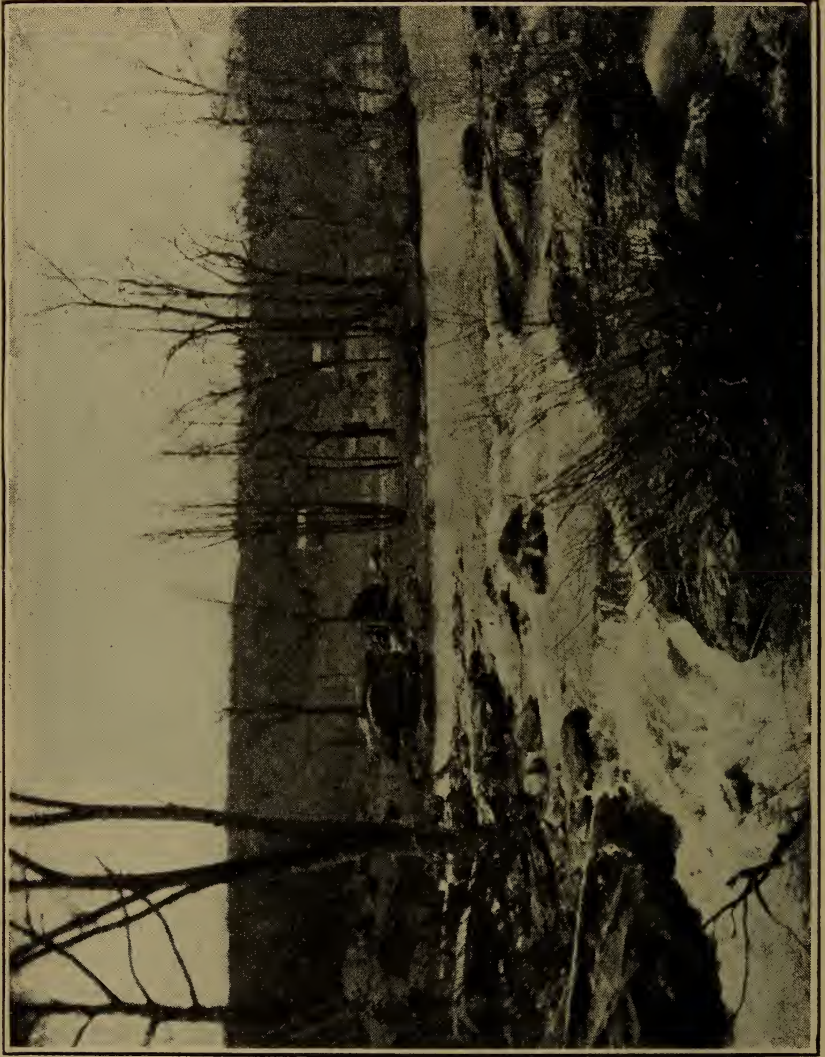
graduate daily newspaper. The upper floor is occupied by the General Alumni Society, publishers of the "Alumni Register," the graduate quarterly magazine. There is also a reading room, open to alumni and undergraduates, where collegiate publications are kept on file. Hours, nine to five.



SETTLEMENT ATHLETIC FIELD.

**THE UNIVERSITY CHRISTIAN SETTLEMENT.**—The new building at the northwest corner of Lombard and 26th streets was opened in the fall of 1906. It was designed in the Philadelphia English Colonial Style by Mr. Charles F. Osborne, and has the latest equipment of a modern settlement building, and adjoining Children's Playground. The total cost was \$60,000. The building is 82 x 54 feet, with three stories, basement, and roof garden. The basement contains a gymnasium 40 x 60 feet (which may be used as an auditorium), a bowling-alley room,

and locker rooms with showers, and heating plant. The first floor comprises the office, gymnasium gallery, and two club rooms for men, with baths and a separate entrance; the second floor



FALLS AT THE UNIVERSITY OF PENNSYLVANIA SETTLEMENT FARM.

has an auditorium which is also used as the girls' gymnasium, the library, two club rooms for young men, two for boys, two for girls, and a demonstrating kitchen, and a locker room with baths for girls. The third floor provides living quarters for the

Resident Director and family, four women workers and ten students. The roof garden is well adapted for kindergarten work, baseball, entertainments and festivals.

On the wall of the main staircase is a brass tablet to Dr. Horatio C. Wood, inscribed as follows:

This Tablet  
Bears witness to the enduring gratitude  
of  
the friends and admirers  
of  
HORATIO C. WOOD, M.D., LL.D.  
to whose unwearied exertions, unstinted liberality  
wise counsel and eloquent voice, the  
foundation and completion  
of  
this building  
are mainly indebted  
"more is his due than more than all can pay."

The old building, which has been connected with the new house by a hallway, contains a small gymnasium room for games, and class rooms for the small boys. An enclosure between the two buildings is used for the "physician's office" and the boys' baths. The actual work is carried on by the residents, and by the Professors and students of the University who go down one evening a week to conduct classes in gymnastics, printing, singing, manual training, etc. There are also lectures, entertainments, and religious meetings. Athletics have a prominent place in the Settlement activities, and there are teams in football, basketball, and baseball. These teams use the Settlement Athletic Field, consisting of twenty acres, on the west bank of the Schuylkill River, almost opposite the Settlement Building, and near the University Campus.

Since 1898 a Camp has been conducted by the Association each year during the summer months in various picturesque spots. In 1908 the Association purchased a beautiful permanent site in the Perkiomen Valley, consisting of a farm of sixty-four acres; a stone house and barn. The land is of a most varied nature, with open grassy fields, woodland, a rocky stream, and a dam, forming a pond about a quarter of a mile in length, affording plenty of good swimming, fishing, and boating. The level tract furnishes ample room for tennis, baseball, and running track.



The Settlement sends out each summer at least three relays of twenty or thirty boys; one group of men, and two of girls. One hundred can be accommodated at a time. Each group remains for a week or ten days' outing.

Detailed information about the Settlement may be secured at any time at the Christian Association Rooms in Houston Hall.

**MASK AND WIG CLUB.**—Pennsylvania's famous theatrical organization was founded in 1889. It occupies a unique



GRILL ROOM—MASK AND WIG CLUB.

home at 310 Quince street, formerly a stable, which was remodeled by Wilson Eyre, Jr., and decorated by Maxfield Parrish. The Club House has cost the organization more than \$20,000; it includes a grill room and offices, an auditorium or rehearsal hall, with stage and dressing rooms, kitchens, etc. There are two classes of members—undergraduate and alumni. In the early winter the Mask and Wig "Preliminary Performances" are held in the Club theatre. These are for the purpose of "trying out" new candidates, and admission is entirely by invitation. None but "apprentices" are allowed to take part. From the best talent in the "preliminaries" the Club picks its material for the big annual Easter production. This is always in the nature of a pictorial

extravaganza, and is played during the whole of Easter week at one of the large Philadelphia theatres. The "annual production" is always new and original, and costs from \$10,000 to \$12,000. Nearly one hundred students take part, and the whole preparation and management is in the hands of the alumni members of the Club. "The Mask and Wig Show" has become the dominating theatrical feature of Easter week in Philadelphia.

## MEMORIAL GATES, STATUARY, AND CLASS MEMORIALS.

"Memorial Tower," Dormitories, perpetuating the names of about 400 students and graduates of the University who fought in the Spanish-American War. General Miles laid the cornerstone February 13, 1900.

Statue of Provost William Pepper, in bronze, by Carl Bitter, presented to the University by the friends of the late Provost William Pepper. (See p. 103.)

Statue of Charles Lennig, on Campus, rear of College Hall, presented by his son Nicholas. On the pedestal is the following inscription:

CHARLES LENNIG  
Born November 1st, 1809  
Died January 22nd, 1891

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As a contribution to the advancement of his fellows in consideration of means acquired with and by their aid he bequeathed his fortune to the University of Pennsylvania.

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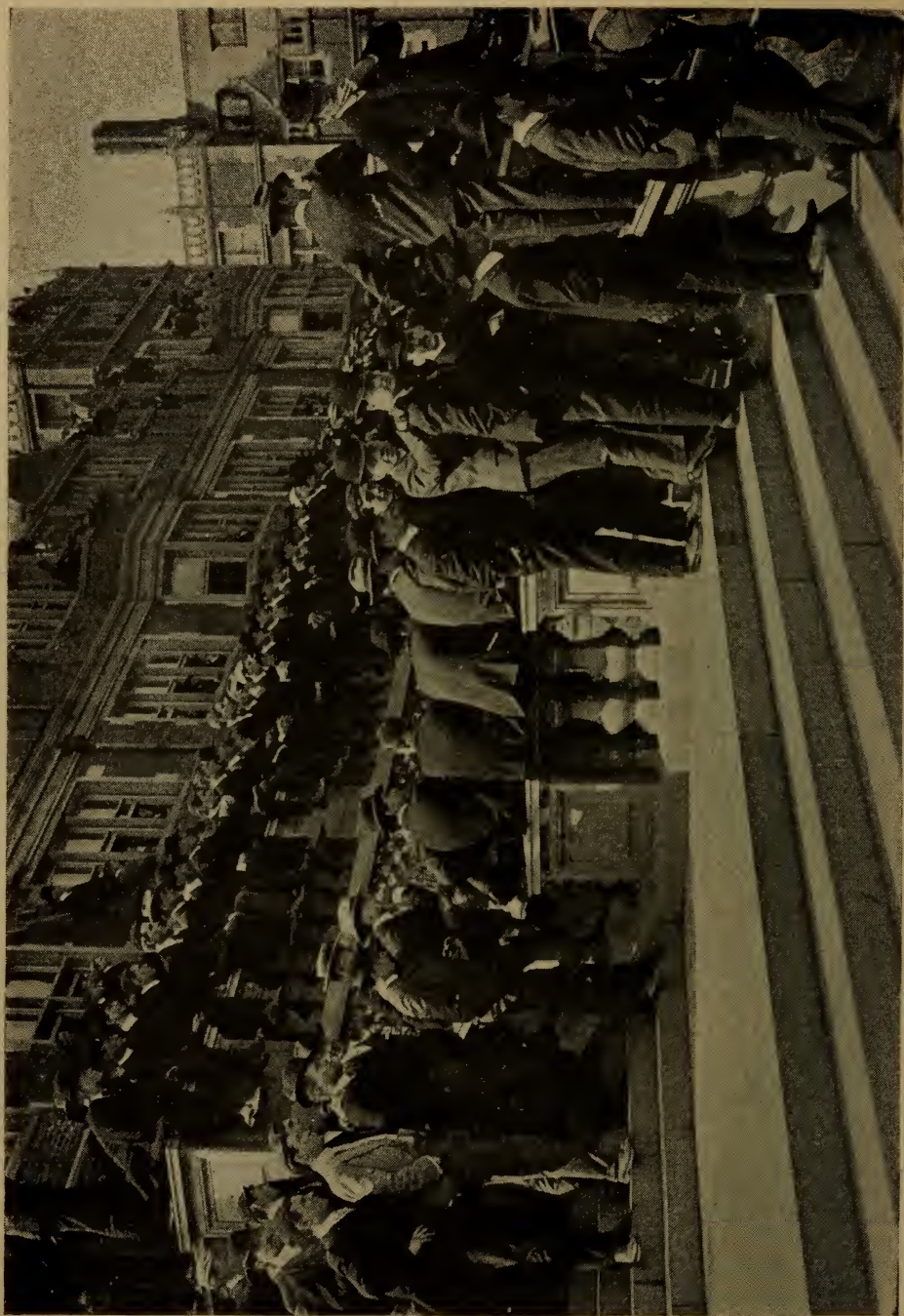
Erected by his son  
NICHOLAS LENNIG

Ivy Tablets—College Hall, Library, Houston Hall, and Dormitories.

The Seniors' College "Fence."—Presented by the Mask and Wig; in rear of College Hall.

Class of 1872 Memorial Gate, entrance to Thirty-sixth and Spruce streets.

Class of 1873 Memorial Gate, Thirty-eighth street entrance to Hamilton Walk; in the ironwork over the center are the numer-



WATCHING THE BOWL FIGHT FROM THE DORMITORY TERRACE.



als "73," and "per augusta ad augusta"; on the left panel, "hanc portam matri alumni pietate concordet"; on the right panel, "qui ad MDCCCLXXIII; scientiarum curriculum absolverunt." On the inside panels are inscribed the numerals "1873" and "1899."

North Memorial Gate, Franklin Field, presented by Class of 1882.

South Memorial Gate, Franklin Field, presented by Class of 1887.

Class of 1892 Memorial Fountain, east arcade, Dormitories.

Class of 1893 Memorial Gate, entrance to Campus from Spruce street, between Houston Hall and Robert Hare Laboratory. In the wrought-iron and the stone work are the class numerals "93" and the letters "U. of P."; on one of the panels is inscribed, "Erected June, MCMII"; over the center arch are the words: "In Veniemus viam aut faciemus."

Class of 1894 Memorial Gate, Thirty-seventh street entrance to Dormitories. Above the central arch in the wrought-iron are the numerals "'94," and the class motto: "nec pluribus impar."

Class of 1895 College, Memorial Clock on Franklin Field, west wall of Gymnasium.

Class of 1898 Memorial Clock, over west arcade of Dormitories.

Class of 1899 Memorial Clock, Houston Hall.

Class of 1900 Memorial Sun Dial. In center of the Little Quad.

Corner-stone of old buildings, Library.

Flag-pole, presented by the Pacific Northwest Alumni Society.

On the front wall of one of the Fraternity houses along Locust street are two memorial tablets, inscribed:

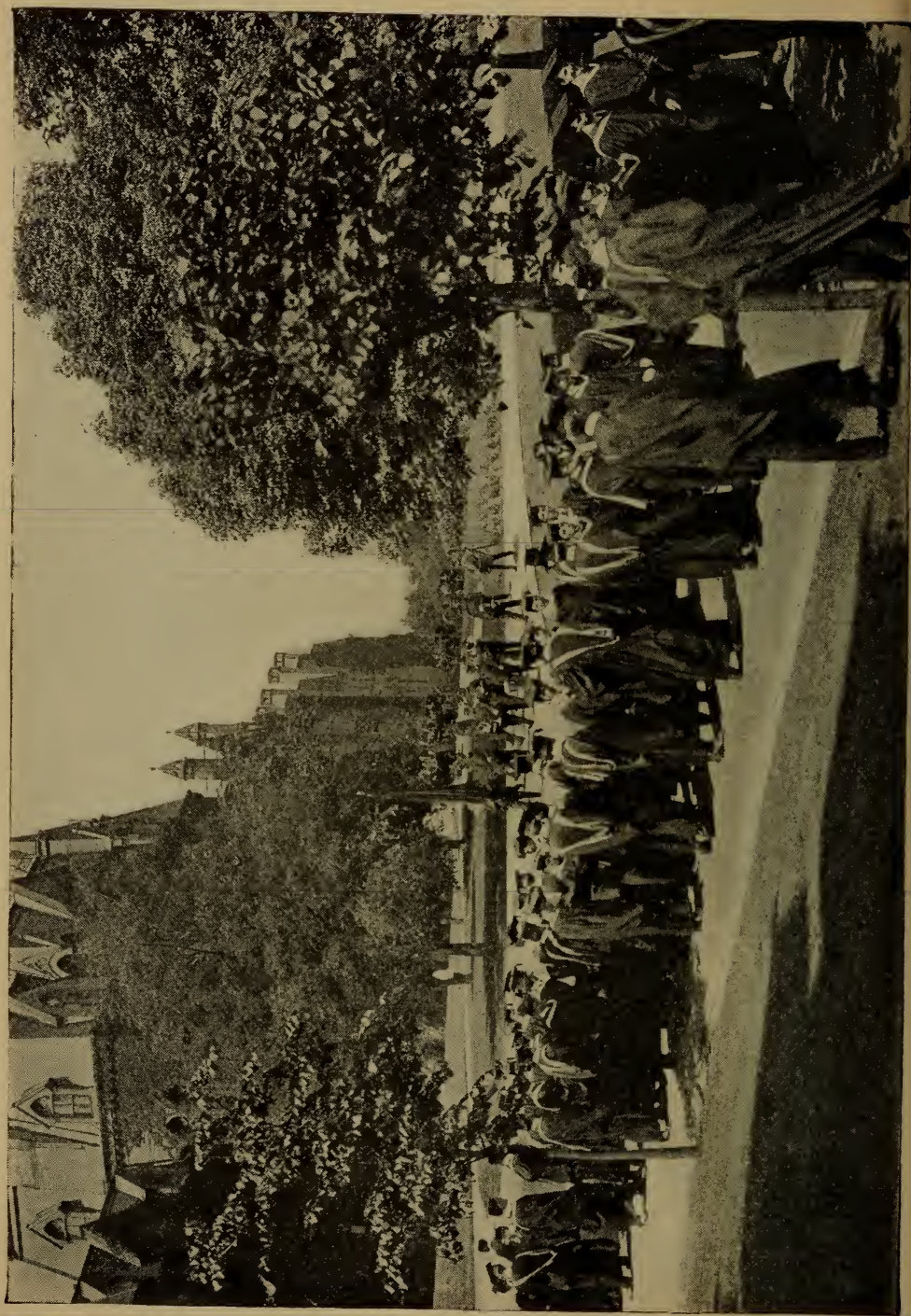
Erected to the Memory of  
BENJAMIN FRANKLIN

1706-1790

The Founder of the University of Pennsylvania  
For whom this Chapter of the Acacia  
Fraternity was named

INVENTOR, STATESMAN, PHILOSOPHER  
An Eminent Free and Accepted Mason and  
Grand Master of the Grand Lodge of  
Pennsylvania

Erected by the Franklin Chapter  
of the  
Acacia Fraternity



Erected to the Memory of  
 WILLIAM SMITH  
 1727-1803  
 The First Provost of the University of Pennsylvania  
 An Eminent Free and Accepted Mason and  
 Grand Master of the Grand Lodge of  
 Pennsylvania  
 Erected by the Franklin Chapter  
 of the  
 Acacia Fraternity



ALONG HAMILTON WALK.



## MISCELLANEOUS INFORMATION.

### ORGANIZATIONS.

The names and addresses of the officers of the various organizations change either annually or semi-annually; "OLD PENN," the official weekly of the University, endeavors to publish a complete revised list at least once a year. See, also, the annual University Club Book.

#### *Central Bodies.*

Administrative Officers.  
Board of Trustees.  
Board of Deans.  
Directors of Departments.  
Board of Managers of Hospital.  
Board of Women Visitors to Hospital.  
Board of Managers of Veterinary Hospital.  
Board of Managers of Archaeological Department.  
Graduates' Appointment Committee.  
Committee on Athletics.  
Committee on Non-Athletic Organizations.  
Board of Directors of Athletic Association.  
Parietal Committee of the Dormitories.  
Representatives of Dormitory Houses.  
Students' Residence Committee.  
Students' Ward Committee—Hospital.

#### *General Organizations.*

Argunot Lunch Club.  
Automobile Club.  
Bibliographical Club.  
Camera Club.  
Cercle Français.  
Chess and Checker Club.  
Christian Association, and Trustees of the University Medical School in Canton, China.  
Circus Club.

City Club of the University.  
 College Boat Club.  
 Combined Musical Clubs.  
 Cosmopolitan Club.  
 Debate Committee.  
 Democratic Club.  
 Deutscher Verein.  
 Discipline Committee.  
 Druids.  
 Esperanto Society.  
 Faculty Tea Club.  
 French Conversational Club.  
 Houston Club.  
 Jewish Chautauqua Circle.  
 Mask and Wig Club.  
 Newman Club.  
 Republican Club.  
 University Band.  
 University Press Club.  
 University of Pennsylvania Local Study Chapters of the Inter-  
 collegiate Socialist Society.  
 Zelosophic Society.  
 Zionist Society.

## FRATERNITIES.

NOTE.—The first date is the year of the founding of the Fraternity; the second is the year of the charter of the local chapter.

### GENERAL AND ACADEMIC.

Acacia (Franklin Chapter), 1905-1906, 3805 Locust street.  
 Alpha Chi Rho (Phi Phi Chapter), 1895-1896, 3316 Walnut street.  
 Alpha Tau Omega (Penna. Tau Chapter), 1865-1881, 3614 Walnut street.  
 Beta Theta Pi (Phi Chapter), 1839-1880, 3529 Locust street.  
 Delta Phi (St. Elmo Club—Eta Chapter), 1827-1849, 3453 Woodland avenue.  
 Delta Kappa Epsilon (Delta Kappa Chapter), 1844-1899, 307 S. 39th street.

- Delta Psi (Delta Chapter), 1847-1851, 32 S. 22d street.  
 Delta Tau Delta (Omega Chapter), 1859-1897, 3533 Locust street.  
 Delta Upsilon, 1834-1888, 23 S. 34th street.  
 Kappa Phi, 1906, 3803 Spruce street.  
 Kappa Sigma (Alpha Epsilon Chapter), 1867-1892, 113 South 37th street.  
 Omega Phi Alpha (Gamma Chapter), 1901-1903, 3234 Chestnut street.  
 Phi Beta Kappa (Honorary)—Delta Chapter), 1776. College Hall, care of Professor Horace C. Richards, Randal Morgan Laboratory.  
 Phi Delta Theta (Penna. Zeta Chapter), 1848-1883, 3400 Walnut street.  
 Phi Gamma Delta (Beta Chapter), 1848-1881, 3621 Locust street.  
 Phi Kappa Psi (Iota Chapter), 1852-1877, 3641 Locust street.  
 Phi Kappa Sigma (Alpha Chapter), 1850-1850, 3537 Locust street.  
 Phi Sigma Kappa (Mu Chapter), 1873-1900, 3745 Spruce street.  
 Psi Upsilon (Tau Chapter), 1833-1891, 300 S. 36th street.  
 Sigma Alpha Epsilon (Penna. Theta Chapter), 1856-1901, 3705 Walnut street.  
 Sigma Alpha Tau, College Hall.  
 Sigma Chi (Phi Phi Chapter), 1855-1875, 3604 Walnut street.  
 Sigma Nu (Beta Rho Chapter), 1869-1894, 3303 Walnut street.  
 Sigma Phi (Alpha Chapter), 1827-1907.  
 Sigma Xi (Honorary), 1886-1899, care Dr. F. H. Safford, College Hall.  
 Theta Nu Epsilon, College Hall.  
 Xi Phi, U. of P. Dormitories.  
 Zeta Psi (Sigma Chapter), 1847-1850, 3337 Walnut street.

#### LOCAL.

- Book and Jug Club, 122 S. 34th street.  
 Friars' Senior Society, College Hall.  
 Gargoyle Sophomore Society, College Hall.  
 Phi Kappa Beta Junior Society, College Hall.  
 Sphinx Senior Society, College Hall.



## ENGINEERING.

Mu Phi Alpha, 1895-1889, Engineering Hall.

## LEGAL.

Delta Chi (Pennsylvania Chapter), 1890-1904, 3348 Walnut street.  
Phi Delta Phi (Gibson Chapter), 1860-1886, Law Building.

## MEDICAL.

Alpha Chi Phi, Medical Laboratory.  
Alpha Kappa Kappa (Mu Chapter), 1888-1901, 3610 Walnut street.  
Alpha Mu Phi Omega (U. of P. Chapter), 1891-1891, 1415 Locust street.  
Alpha Omega Alpha (Pennsylvania Beta Chapter), 1902-1903, Medical Laboratory.  
Nu Sigma Nu (Lambda Chapter), 1882-1891, 36th and Locust streets.  
Phi Alpha Sigma (Beta Chapter), 1886-1893, Medical Laboratory.  
Phi Rho Sigma (Phi Chapter), 1889-1906, 3457 Walnut street.  
Sigma Phi Epsilon, 268 S. Thirty-eighth street.

## DENTAL.

Delta Sigma Delta (Epsilon Chapter), 1882-1891, 3467 Chestnut street.  
Psi Omega (Beta Chapter), 1892-1896, 3350 Walnut street.  
Xi Psi Phi (Pi Chapter), 1889-1899, 3612 Walnut street.

## VETERINARY.

Omega Tau Sigma (Alpha Chapter), 1906-1906, 3713 Woodland avenue.  
Phi Eta, 1903-1908, 3935 Pine street.

## GRADUATE FRATERNITIES.

Phi Pi, 1906, 120 S. Fortieth street.

## WOMEN.

Delta Delta Delta (Psi Chapter), 1888-1904.

Kappa Kappa Gamma (Beta Alpha Chapter), 1870-1890, 220 De-  
Kalb Square.

*Class Officers of Various Classes.*

*College Societies.*

Architectural Society.  
Arts and Science Associa-  
tion.  
Botanical Society of Penn-  
sylvania.  
Civil Engineering Society.  
Engineers' Club.  
Evening School Associa-  
tion.  
Germanic Association.  
John Bartram Association.

Kelvin Physical Society.  
Patten Economic Club.  
Philomathean Society.  
Priestley Chemical Club.  
Society of Special Archi-  
tects.  
Wharton Association.  
Yeates Club.  
Zoological Society (Eastern  
branch).

*Medical Societies.*

D. Hayes Agnew Surgical Society.  
Ashhurst Surgical Society.  
Deaver Surgical Society.  
Hirst Obstetrical Society.  
Historical Club of the Department of Medicine.  
Mills Neurological Society:  
Penrose Gynecological Society.  
Pepper Medical Society.  
Society of Normal and Pathological Physiology.  
Stillé Medical Society.  
Tyson Medical Society.  
Undergraduate Medical Association.  
H. C. Wood Medical Society.

*Law Societies.*

Hare Law Club.  
 Kent Law Club.  
 McKean Law Club.

Miller Law Club.  
 Sharswood Law Club.  
 Wilson Law Club.

*Dental Societies.*

Darby Dental Society.  
 Holland Dental Society.

Kirk Dental Society.  
 Truman Dental Society.

*Veterinary Societies.*

Veterinary Medical Society.

*Evening School Societies.*

Robert Morris Club.

*State and Sectional Clubs.*

Alabama State Club.  
 California State Club.  
 Colorado State Club.  
 Connecticut State Club.  
 Delaware State Club.  
 District of Columbia Club.  
 Florida State Club.  
 Georgia State Club.  
 Illinois Club.  
 Indiana State Club.  
 Iowa State Club.  
 Kansas State Club.  
 Kentucky Club.  
 Maine Club.  
 Maryland Club.  
 Massachusetts State Club.  
 Minnesota State Club.

Mississippi State Club.  
 Missouri State Club.  
 Nebraska State Club.  
 Nevada State Club.  
 New Hampshire State Club.  
 New Jersey State Club.  
 (New York) Empire State Club.  
 (New York) Buffalo Club.  
 North Carolina State Club.  
 Ohio State Club.  
 South Carolina Club.  
 Southern Club.  
 Tennessee Club.  
 Texas State Club.  
 Utah State Club.  
 Vermont State Club.



Berks County Club.  
 Blair County Club.  
 Bradford County Club.  
 Cambria County Club.  
 Carbon County Club.  
 Chester County Club.  
**Erie County Club.**  
 Huntingdon County Club.  
 Lackawanna County Club.  
 Lancaster County Club.  
 Lawrence County Club.  
 Lebanon County Club.  
 Lecha Club (Lehigh Co.)

Luzerne County Club.  
 Lycoming County Club.  
 Montgomery County Club.  
 26th Congressional District  
 Club.  
 Northumberland District  
 Club.  
 Pittsburg Club.  
 Schuylkill County Club.  
 Susquehanna County Club.  
 Upper Allegheny Club.  
 York County Club.

#### *Foreign Clubs.*

British Association.  
 French Club.  
 Chinese Students' Club of  
 Pennsylvania.

Japanese Club.  
 Latin-American Club.  
 Russian Club.

#### *Church Clubs.*

Covenant University of Pennsylvania Society (27th and Girard avenue).

#### *School Clubs.*

Blair Academy Club.  
 Brown Preparatory School  
 Club.  
 Central High School Club.  
 Delancey School Club.  
 Episcopal Academy Club.  
 Friends' Central Club.  
 Germantown Academy Club.  
 Haverford Grammar School  
 Club.  
 Lawrenceville Club.

Mercersburg Academy Club.  
 Northeast Manual Training  
 High School Club.  
 Penn Charter Club.  
 Phillips Exeter Club.  
 Radnor High School Club.  
 West Chester Normal School  
 Club.  
 West Jersey Academy Club.  
 Wyoming Club.

*Athletic Clubs and Teams.*

Associated Football.	Hockey.
Baseball.	Lacrosse.
Basket-ball.	Rifle Club.
Bowling Club.	Swimming.
Crew.	Tennis.
Cricket.	Track.
Cross Country.	Walking Club.
Fencing.	Water Polo.
Football.	Water Polo (English).
Golf.	Wrestling.
Gun.	Intercollegiate Bowling
Gymnastic.	League.

**UNIVERSITY PUBLICATIONS.**

The following is a partial list of works on the University of Pennsylvania, giving historical information on the University, its various departments, the alumni, etc. Most of these may be consulted at the Library, or at the Bureau of Publicity.

History of the University of Pennsylvania, 1740 to 1770. By T. H. Montgomery, 1900.

Origin of the University in 1740. By S. W. Pennypacker, 1899.

The life of the Rev. William Smith, D.D., first Provost of the College of Philadelphia. By Horace W. Smith, 1874.

College, Academy and Charity School. By Wm. Smith, 1803.

Early History of the University to 1827. By G. B. Wood, with supplementary chapters by Frederick D. Stone, 1896.

The Charity School of 1740. By C. W. Dulles, 1904.

Universities and Their Sons (Pennsylvania), 2 Vols. By E. P. Cheyney and E. P. Oberholtzer, 1901.

Benjamin Franklin and the University of Pennsylvania. By F. N. Thorpe, 1893.

University of Pennsylvania and its Relation to the State. By S. W. Pennypacker, 1891.

- The University of Pennsylvania. By W. D. Baker, 1832.
- History of Athletics at the University of Pennsylvania. By G. W. Orton, 1900.
- Matriculate Catalogue of the College, 1894.
- The College of the University of Pennsylvania. By C. Weygandt and C. L. McKeehan, 1901.
- Dedication of Law School Building. By G. E. Nitzsche, 1901.
- Pennsylvania Verse. By W. O. Miller, 1903.
- University Guide Books. By G. E. Nitzsche.
- History of the Law Department, 1790-1882. By H. L. Carson, 1882.
- University of Pennsylvania Illustrated. By John B. McMaster, 1897.
- University of Pennsylvania Illustrated. By G. E. Nitzsche, 1906.
- Pennsylvania Stories. By A. H. Quinn, 1899.
- Pennsylvania Pennings. By Thomas B. Donaldson.
- History of the Medical Department, 1765-1868. By Jos. Carson, 1869.
- William Pepper. By F. N. Thorpe, 1901.
- University Song Books (several editions).
- Class Records of all Departments.
- University Directory and Club Book (Annual).

## FILES OF UNIVERSITY OF PENNSYLVANIA PUBLICATIONS.

### DAILY.

- "Pennsylvania."
- \*"The Daily University News."

### WEEKLY.

- "Old Penn" (official weekly review).
- "Chronicle" (official weekly schedule of events).
- \*"Courier."
- \*Out of print.



## MONTHLY.

- "Red and Blue" (literary).
- "Punch Bowl" (comic).
- \*"Zelosophic Magazine" (literary).
- "Alumni Register."
- "American Law Register."
- "U. of P. Law Review."
- "University Medical Magazine."
- "University Medical Bulletin."
- "Penn Dental Journal" (bi-monthly).
- \*"Ben Franklin" (comic).
- \*"Chaff" (comic).
- \*"Examiner."
- \*"University Magazine."
- \*"The University."

## QUARTERLY, PERIODICALLY OR ANNUALLY.

- Annals of the American Academy (affiliated).
- Bulletin of Free Museum of Science and Art.
- University Bulletin.
- Translations and Reprints from the Original Sources of European History.
- Americana Germanica (affiliated).
- Serial Publications of College Department.
- University General Catalogue.
- Fasciculi of various departments and courses.
- Annual Report of the Provost.
- Christian Association Annual Handbook.
- Class Records of various departments.
- Architectural Year Book.
- Wharton School Bulletin.

## ALUMNI ASSOCIATIONS.

*General and Departmental.*

- Central Committee of the Alumni of the University of Pennsylvania.

\* Out of print.

General Alumni of the University of Pennsylvania.  
 Alumni Catalogue Committee.  
 Society of the Alumni of the College.  
 Society of the Alumni of the Law Department.  
 Society of the Alumni of the Medical Department.  
 Society of the Alumni of the Dental Department.  
 Veterinary Alumni Society.  
 Nurses' Alumnæ Association.  
 General Architectural Alumni.

*State Societies.*

California Alumni Society.  
 Pacific Southwest Alumni.  
 Rocky Mountain Alumni Association.  
 District of Columbia Alumni Society.  
 Chicago Alumni Association.  
 Indiana Alumni Association.  
 University of Pennsylvania Club of Des Moines.  
 Maryland Alumni Association.  
 Northwest Alumni Association.  
 Kansas City, Missouri, Alumni Association.  
 University of Pennsylvania Alumni Association, St. Louis, Mo.  
 University of Pennsylvania Alumni Association of Omaha,  
 Nebraska.  
 New England Alumni Association.  
 Western New England Alumni.  
 University of Pennsylvania Club of Atlantic City, N. J.  
 New Jersey Alumni Society.  
 Medical Alumni of New York and vicinity.  
 Central New York Alumni Society.  
 Eastern New York Alumni Association.  
 Western New York Alumni Association.  
 University Club of New York City.  
 Rochester Alumni Society.  
 Miami Association of the Alumni of the U. of P.  
 Cincinnati Alumni Association.  
 Portland, Oregon, Alumni Association.

*Pennsylvania.*

Berks County Alumni Association.  
 Bucks County Alumni.  
 Dauphin County Alumni Society.  
 Erie Alumni Society.  
 Johnstown Alumni Association.  
 Lancaster County Alumni Society.  
 Lebanon County Alumni Association.  
 Lehigh County Alumni Society.  
 Luzerne County Alumni Association.  
 North Central Alumni Association.  
 Northeast Pennsylvania Alumni Society.  
 Northumberland District Alumni Association.  
 Philadelphia Alumni Society of the Medical Department of the  
     University of Pennsylvania.  
 Pittsburg Alumni Association of the U. of P.  
 University Club of Scranton.  
 The York Alumni Association of the University of Penn-  
     sylvania.  
 Texas Alumni Association.  
 Alumni Association of Utah.  
 Pacific Northwest Alumni Association.  
 West Virginia Alumni Association.  
 Wisconsin Alumni Association.

*Foreign Alumni Societies.*

Japanese Alumni Society.  
 Orient Alumni Association of Manila, P. I.  
 University of Pennsylvania Dental Club of France.  
 General Alumni Society in Australia.  
 British Isles Alumni.  
 Brazilian Alumni Society.  
 Zurich Alumni Association.



## ANNUAL FUNCTIONS.

University Day Exercises (February 22d).

Commencement Day.

Bowl Fight.

May (Dewey) Day Exercises.

Sophomore Cremation.

Alumni Day Exercises.

Ivy Day (College).

Class Day (College).

Sophomore Dance.

Junior Promenade.

Ivy Ball.

Houston Club Smokers (monthly).

## CHEERS.

Hoo (long)-Rah! Hoo-Rah! Hoo-Rah!

Penn-syl-van-i-a!

---

Ray (long)! Ray! Ray! Pennsylvania!

Ray! Ray! Ray! Pennsylvania!

Ray! Ray! Ray! Pennsylvania!

---

Ray! Ray! Ray! Pennsylvania (very quick)!

Ray! Ray! Ray! Pennsylvania!

Ray! Ray! Ray! Pennsylvania!

## THE UNIVERSITY HYMN.

Hail, Pennsylvania, noble and strong,  
To thee, with loyal hearts, we raise our song,  
Swelling to Heaven loud our praises ring,  
Hail, Pennsylvania! of thee we sing.

Majesty as a crown rests on thy brow,  
Pride, honor, glory, love, before thee bow;  
Ne'er shall they spirit die, nor thy walls decay,  
Hail, Pennsylvania! for thee we pray.

Hail, Pennsylvania! guide of our youth,  
 Lead thou thy children on to light and truth,  
 Thee, when death summons us, others shall praise,  
 Hail, Pennsylvania! through endless days!

## THE RED AND BLUE COLLEGE SONG.

Come all ye loyal classmen now  
 In hall and campus through,  
 Lift up your hearts and voices,  
 For the Royal Red and Blue.  
 Fair Harvard has her crimson,  
 Old Yale her colors, too,  
 But for dear Pennsylvania  
 We'll wear the Red and Blue.

### CHORUS.

Hurrah! Hurrah! Pennsylvania.  
 Hurrah for the Red and the Blue!  
 Hurrah! Hurrah! Hurrah! Hurrah!  
 Hurrah for the Red and Blue!

One color's in the blushing rose,  
 The other tints the clouds,  
 And when together both disclose,  
 We're happy as the gods.  
 We ask no other emblem,  
 No other sign to view;  
 We only ask to see and cheer  
 Our colors, Red and Blue.

And now, thro' all the years to come,  
 In midst of toil and care,  
 We'll get new inspiration from  
 The colors waving there.  
 And when, to all our college life,  
 We've said our last adieu,  
 We'll never say adieu to thee,  
 Our colors, Red and Blue.

## POINTS OF HISTORIC INTEREST OF THE UNIVERSITY OF PENNSYLVANIA.

Site of the first two buildings, situated on the west side of Fourth street, below Arch, and occupied by the University from 1740 to 1802.

On the walls near this site are two memorial tablets, the one dedicated by the Class of 1889, and the other by the Unitarians of Philadelphia, the first Society of which was organized in these buildings in 1796, at the instance of Joseph Priestley.

The house which was built for Dr. William Smith, the first Provost of the University. This house is still standing at the northeast corner of Fourth and Arch streets. It was the center of the literary circles of Philadelphia, in Colonial days, and Dr. Smith was considered one of the leading educators of America.

Site of the old Anatomical Hall of the Medical Department, on the east side of Fifth street, between Chestnut and Walnut. Occupied from 1765 to 1802.

Site of the old jail, at Third and Market streets, where Provost Smith conducted his classes from February to April, 1758.

The site of the old Presidential Mansion, at Ninth and Chestnut streets, where the United States Postoffice now stands. The building was erected by the State of Pennsylvania as a residence for the President of the United States while the capital was in Philadelphia. The cornerstone of this building is on exhibition in the Library of the University. The University occupied this site from 1802 to 1873, when it moved to its present location. A bronze statue of Benjamin Franklin, the founder of the University, has been erected on the Chestnut street side of the old site.

Grave of Benjamin Franklin, at the southeast corner of Fifth and Arch streets.

Grave of James Wilson, founder of the Law Department in 1790; also graves of Robert Morris and Francis Hopkinson, Trustees of the University, and of other University of Pennsylvania men prominent in Colonial times, who are buried in Christ Church yard, Second street, above Market.

Congress Hall, at Sixth and Chestnut streets, where the Law Department of the University of Pennsylvania was located from 1895 to 1900.



## UNIVERSITY CAMPUS AND BUILDINGS.

### INFORMATION FOR VISITORS.

*University Campus and Buildings.*—Open to visitors daily during the College year, except Sunday, from sunrise to sunset.

*Free Museum of Science and Art.*—Thirty-third and Spruce streets.—Open to visitors from 10 A. M. to 5 P. M. Sundays, 2 to 6 P. M. (Closed during the summer months, except on special occasions.)

*Museum and Gallery of Pennsylvania Bar Association.*—Law School Building, Room 5.—Open daily, except Sunday, to visitors from 2 to 5 P. M.

*Wistar Institute of Anatomy and Biology.*—Thirty-sixth street and Woodland avenue.—Open weekdays from 9 A. M. to 4 P. M.

*Houston Hall.*—Thirty-fifth and Spruce streets.—Open to visitors daily, and 11 A. M. service Sundays.

*Post Office.*—U. of P. Branch, Houston Hall.—This post office has been established for the accommodation of members and is now open from 9 A. M. to 7 P. M. for the transaction of all the usual post office business.

*Bureau of Information.*—Houston Hall, third floor. Open daily, 8.30 A. M. to 6.30 P. M.

*Botanical Gardens and Plant Houses.*—Rear of Dormitories, Thirty-seventh and Spruce streets.—Open daily from sunrise to sunset.

*General Library.*—Open weekdays from 8.30 A. M. to 10 P. M.

*Biddle Law Library.*—Open weekdays from 8 A. M. to 1 P. M.

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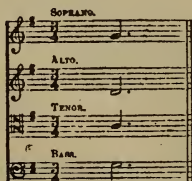
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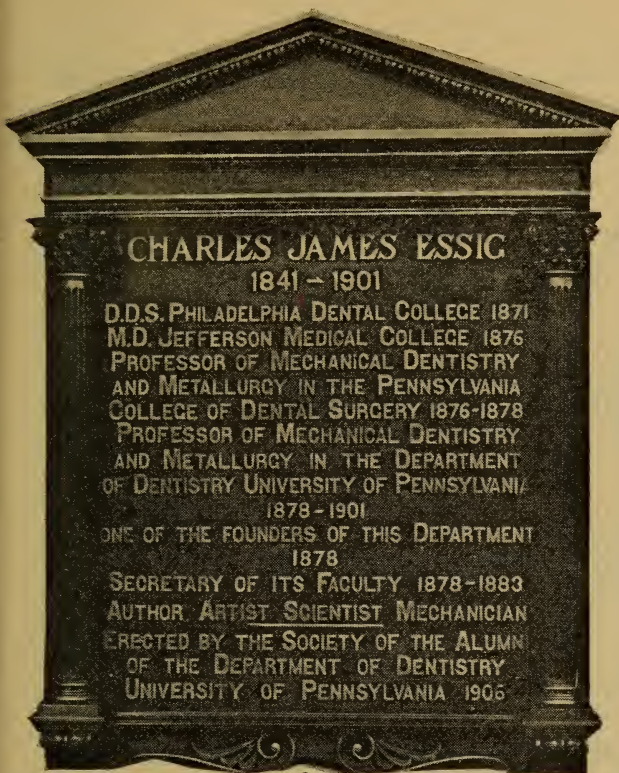
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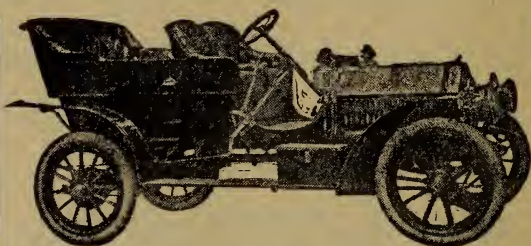
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